SCREENING PROJECT FORM (SPF)

Please complete both parts of this form (administrative & scientific)

Administrative Information

Project ID:
(provided by ProQinase)

Please note: Testing can not be performed without signature (see page 5)!

Company:

Address:

Contact person:
(appearing on report)

E-mail:

Phone:
(optional)

Remarks:

Scientific Information

(see our Guidelines For Biochemical Screening Services for details)

# of kinases:

# of compounds:

Single Concentration: ☐

IC50: ☐ **(10 semi log dilutions)**

Singlicate measurement: ☐

Duplicate measurement: ☐ **(see guidelines)**

Compounds provided in:

☐ **Plates (liquid samples)**

Volume of compound stocks (per well): µl

Molarity of compound stocks: M

# of plates shipped:

Plate format: ◯ **96 well** ◯ **384 well**

☐ **Vials (liquid samples)**

# of vials shipped:

Please provide information about molarity and volume of stock solutions using the Compound Submission Form.

☐ **Vials (solid samples)**

# of vials shipped:

Please provide information about amount and molecular weights using the Compound Submission Form.

Assay concentration or highest final assay concentration (for IC50) of compounds will be 1/100 of stock concentration.
(DMSO final assay concentration will be 1%)

Remarks:

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Kinases to be tested (please mark):

(list continues on following page)

I. Protein Kinases

A

- ☐ ABL1 wt
- ☐ ABL1 G250E
- ☐ ABL1 Q252H
- ☐ ABL1 Y253F
- ☐ ABL1 E255K
- ☐ ABL1 T315I
- ☐ ABL1 F317I
- ☐ ABL1 M351I
- ☐ ABL1 H396P
- ☐ ABL2
- ☐ ACK1
- ☐ ACV-R1
- ☐ ACV-R1B
- ☐ ACV-R2A
- ☐ ACV-R2B
- ☐ ACV-RL1
- ☐ AKT1 aa1-480
- ☐ AKT1 aa106-480
- ☐ AKT2 aa1-481
- ☐ AKT2 aa107-481
- ☐ AKT3 aa1-479
- ☐ AKT3 aa106-479
- ☐ ALK wt (GST-HIS-tag)
- ☐ ALK C1156Y (GST-HIS-tag)
- ☐ ALK F1174L (GST-HIS-tag)
- ☐ ALK F1174S (GST-HIS-tag)
- ☐ ALK L1196M (GST-HIS-tag)
- ☐ ALK G1202R (GST-HIS-tag)
- ☐ ALK R1275Q (GST-HIS-tag)
- ☐ AMPK-alpha1 aa1-550
- ☐ ARK5
- ☐ ASK1
- ☐ Aurora-A
- ☐ Aurora-B
- ☐ Aurora-C
- ☐ AXL

B

- ☐ BLK
- ☐ BMPR1A
- ☐ BMPR1B
- ☐ BMX
- ☐ B-RAF wt
- ☐ B-RAF V600E
- ☐ BRK
- ☐ BRSK1
- ☐ BRSK2
- ☐ BTK
- ☐ BUB1B

C

- ☐ CAMK1D
- ☐ CAMK2A
- ☐ CAMK2B
- ☐ CAMK2D
- ☐ CAMK2G
- ☐ CAMK4
- ☐ CAMKK1
- ☐ CAMKK2
- ☐ CCDC6-RET
- ☐ CDC42BPA
- ☐ CDC42BPB
- ☐ CDC7/DBF4
- ☐ CDK1/CycA2
- ☐ CDK1/CycB1
- ☐ CDK1/CycE1
- ☐ CDK2/CycA2
- ☐ CDK2/CycD1
- ☐ CDK2/CycE1
- ☐ CDK3/CycC
- ☐ CDK3/CycE1
- ☐ CDK4/CycD1
- ☐ CDK4/CycD2
- ☐ CDK4/CycD3
- ☐ CDK5/p25NCK
- ☐ CDK5/p35NCK
- ☐ CDK6/CycD1
- ☐ CDK6/CycD2
- ☐ CDK6/CycD3
- ☐ CDK7/CycH/MAT1
- ☐ CDK8/CycC
- ☐ CDK9/CycK
- ☐ CDK9/CycT1
- ☐ CDK12 wt/CycK
- ☐ CDK12 R722C/CycK
- ☐ CDK13/CycK
- ☐ CDK16/CycY
- ☐ CDK17/p35NCK
- ☐ CDK18/CycY
- ☐ CDK19/CycC
- ☐ CDK20/CycH
- ☐ CDK20/CycT1
- ☐ CHK1
- ☐ CHK2
- ☐ CK1-alpha1
- ☐ CK1-delta
- ☐ CK1-epsilon
- ☐ CK1-gamma1
- ☐ CK1-gamma2
- ☐ CK1-gamma3
- ☐ CK2-alpha1
- ☐ CK2-alpha2
- ☐ CLK1
- ☐ CLK2
- ☐ CLK3
- ☐ CLK4
- ☐ COT
- ☐ CSF1-R
- ☐ CSK

D

- ☐ DAPK1
- ☐ DAPK2
- ☐ DAPK3
- ☐ DCAMKL2
- ☐ DDR2 wt
- ☐ DDR2 N456S
- ☐ DDR2 T654M
- ☐ DMPK
- ☐ DNA-PK
- ☐ DYRK1A
- ☐ DYRK1B
- ☐ DYRK2
- ☐ DYRK3
- ☐ DYRK4

E

- ☐ EEF2K
- ☐ EGF-R wt
- ☐ EGF-R G719C
- ☐ EGF-R G719S
- ☐ EGF-R d746-750
- ☐ EGF-R d747-749 A750P
- ☐ EGF-R d747-752 P753S
- ☐ EGF-R d752-759
- ☐ EGF-R T790M
- ☐ EGF-R T790M/L858R
- ☐ EGF-R L858R
- ☐ EGF-R L861Q
- ☐ EIF2AK2
- ☐ EIF2AK3
- ☐ EML4 ALK
- ☐ EML4 ALK F1174L
- ☐ EPHA1
- ☐ EPHA2
- ☐ EPHA3
- ☐ EPHA4
- ☐ EPHA5
- ☐ EPHA6
- ☐ EPHA7
- ☐ EPHA8
- ☐ EPHB1
- ☐ EPHB2
- ☐ EPHB3
- ☐ EPHB4
- ☐ ERBB2 wt
- ☐ ERBB2 775YVMA776
- ☐ ERBB4
- ☐ ERK1
- ☐ ERK2
- ☐ ERK5
- ☐ ERK7

F

- ☐ FAK aa2-1052
- ☐ FER
- ☐ FES
- ☐ FGF-R1 wt
- ☐ FGF-R1 V561M
- ☐ FGF-R2
- ☐ FGF-R3 wt
- ☐ FGF-R3 K650E
- ☐ FGF-R3 K650M
- ☐ FGF-R3 G697C
- ☐ FGF-R4
- ☐ FGR
- ☐ FLT3 wt
- ☐ FLT3 D835Y
- ☐ FLT3 ITD
- ☐ FRK
- ☐ FYN wt
- ☐ FYN Y531F

G

- ☐ GRK2
- ☐ GRK3
- ☐ GRK4
- ☐ GRK5
- ☐ GRK6
- ☐ GRK7
- ☐ GSG2
- ☐ GSK3-alpha
- ☐ GSK3-beta

H

- ☐ HCK

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Kinases to be tested (please mark):

(list continues on following page)

- ☐ HIPK1
- ☐ HIPK2
- ☐ HIPK3
- ☐ HIPK4
- ☐ HRI

I

- ☐ IGF1-R
- ☐ IKK-alpha
- ☐ IKK-beta
- ☐ IKK-epsilon
- ☐ INS-R
- ☐ INSR-R
- ☐ IRAK1
- ☐ IRAK4 (untagged)
- ☐ ITK

J

- ☐ JAK1 aa583-1154wt
- ☐ JAK1 aa583-1154 S729C
- ☐ JAK2
- ☐ JAK3
- ☐ JNK1
- ☐ JNK2
- ☐ JNK3

K

- ☐ KIT wt
- ☐ KIT V559D
- ☐ KIT V559D/V654A
- ☐ KIT V559D/T670I
- ☐ KIT V560G
- ☐ KIT V654A
- ☐ KIT T670I
- ☐ KIT D816H
- ☐ KIT D816V
- ☐ KIT A829P

L

- ☐ LCK
- ☐ LIMK1
- ☐ LIMK2
- ☐ LRRK2 wt
- ☐ LRRK2 R1441C
- ☐ LRRK2 G2019S
- ☐ LRRK2 I2020T
- ☐ LTK
- ☐ LYN

M

- ☐ MAP3K1
- ☐ MAP3K7/MAP3K7IP1
- ☐ MAP3K9
- ☐ MAP3K10
- ☐ MAP3K11
- ☐ MAP4K2
- ☐ MAP4K4
- ☐ MAP4K5
- ☐ MAPKAPK2
- ☐ MAPKAPK3
- ☐ MAPKAPK5
- ☐ MARK1
- ☐ MARK2
- ☐ MARK3
- ☐ MARK4
- ☐ MASTL
- ☐ MATK
- ☐ MEK1 wt
- ☐ MEK1 F53L
- ☐ MEK2
- ☐ MEK5
- ☐ MEKK2
- ☐ MEKK3
- ☐ MELK
- ☐ MERTK
- ☐ MET wt
- ☐ MET F1200I
- ☐ MET D1228H
- ☐ MET D1228N
- ☐ MET L1195V
- ☐ MET Y1230A
- ☐ MET Y1230C
- ☐ MET Y1230D
- ☐ MET Y1230H
- ☐ MET Y1235D
- ☐ MET M1250T
- ☐ MINK1
- ☐ MKK4
- ☐ MKK6 S207DT211D
- ☐ MKK7
- ☐ MKNK1
- ☐ MKNK2
- ☐ MLK4
- ☐ MST1
- ☐ MST2
- ☐ MST3
- ☐ MST4
- ☐ mTOR
- ☐ MUSK
- ☐ MYLK
- ☐ MYLK2
- ☐ MYLK3

N

- ☐ NEK1
- ☐ NEK2
- ☐ NEK3
- ☐ NEK4
- ☐ NEK6
- ☐ NEK7
- ☐ NEK9
- ☐ NEK11
- ☐ NIK
- ☐ NLK
- ☐ NPM1 ALK
- ☐ NPM1 ALK F1174L

P

- ☐ p38-alpha
- ☐ p38-beta
- ☐ p38-gamma
- ☐ p38-delta
- ☐ PAK1
- ☐ PAK2
- ☐ PAK3
- ☐ PAK4
- ☐ PAK6
- ☐ PAK7
- ☐ PASK
- ☐ PBK
- ☐ PDGFR-alpha wt
- ☐ PDGFR-alpha V561D
- ☐ PDGFR-alpha T674I
- ☐ PDGFR-alpha D842V
- ☐ PDGFR-beta
- ☐ PDK1
- ☐ PHKG1
- ☐ PHKG2
- ☐ PIM1
- ☐ PIM2
- ☐ PIM3
- ☐ PKA
- ☐ PKC-alpha
- ☐ PKC-beta1
- ☐ PKC-beta2
- ☐ PKC-delta
- ☐ PKC-epsilon
- ☐ PKC-eta
- ☐ PKC-gamma
- ☐ PKC-iota
- ☐ PKC-mu
- ☐ PKC-nu
- ☐ PKC-theta
- ☐ PKC-zeta
- ☐ PKC-zeta wt aa184-592 (PKM-zeta)
- ☐ PKMYT1
- ☐ PKN3
- ☐ PLK1
- ☐ PLK3
- ☐ PRK1
- ☐ PRK2
- ☐ PRKD2
- ☐ PRKG1
- ☐ PRKG2
- ☐ PRKX
- ☐ PYK2

R

- ☐ RAF1 Y340D/Y341D (untagged)
- ☐ RET wt
- ☐ RET G691S
- ☐ RET R749T
- ☐ RET E762Q
- ☐ RET Y791F
- ☐ RET V804E
- ☐ RET V804L
- ☐ RET V804M
- ☐ RET Y806H
- ☐ RET R813Q
- ☐ RET S891A
- ☐ RET M918T
- ☐ RIPK2
- ☐ RIPK4
- ☐ RIPK5

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Kinases to be tested (please mark):

- ☐ ROCK1
- ☐ ROCK2
- ☐ RON
- ☐ ROS
- ☐ RPS6KA1
- ☐ RPS6KA2
- ☐ RPS6KA3
- ☐ RPS6KA4
- ☐ RPS6KA5
- ☐ RPS6KA6

S

- ☐ S6K
- ☐ S6K-beta
- ☐ SAK
- ☐ SGK1
- ☐ SGK2
- ☐ SGK3
- ☐ SIK1
- ☐ SIK2
- ☐ SIK3
- ☐ SLK
- ☐ SNARK
- ☐ SNK
- ☐ SRC (GST-HIS-tag)
- ☐ SRMS
- ☐ SRPK1
- ☐ SRPK2
- ☐ STK17A
- ☐ STK23
- ☐ STK25
- ☐ STK33
- ☐ STK39
- ☐ SYK aa1-635

T

- ☐ TAOK2
- ☐ TAOK3
- ☐ TBK1
- ☐ TEC
- ☐ TGFB-R1
- ☐ TGFB-R2
- ☐ TIE2 wt
- ☐ TIE2 R849W
- ☐ TIE2 Y897S
- ☐ TIE2 Y1108F
- ☐ TLK1
- ☐ TLK2
- ☐ TNK1
- ☐ TRK-A wt
- ☐ TRK-A G667C
- ☐ TRK-B
- ☐ TRK-C
- ☐ TSF1
- ☐ TSK2
- ☐ TSSK1
- ☐ TTBK1
- ☐ TTBK2
- ☐ TTK
- ☐ TXK
- ☐ TYK2
- ☐ TYRO3

U

- ☐ ULK2

V

- ☐ VEGF-R1
- ☐ VEGF-R2
- ☐ VEGF-R3
- ☐ VRK1
- ☐ VRK2

W

- ☐ WEE1
- ☐ WNK1
- ☐ WNK2
- ☐ WNK3

Y

- ☐ YES

Z

- ☐ ZAK
- ☐ ZAP70

II. Lipid Kinases

PI4K Class I

- ☐ PIK3CA/PIK3R1
- ☐ PIK3CB wt/PIK3R1
- ☐ PIK3CB E633K/PIK3R1
- ☐ PIK3CB E1051K/PIK3R1
- ☐ PIK3CB D1067A/PIK3R1
- ☐ PIK3CB D1067V/PIK3R1
- ☐ PIK3CB D1067Y/PIK3R1
- ☐ PIK3CB L1049R/PIK3R1
- ☐ PIK3CD/PIK3R1
- ☐ PIK3CG

PI4K Class II

- ☐ PIK3C2A
- ☐ PIK3C2B
- ☐ PIK3C2G
- ☐ PI4K2A
- ☐ PI4K2B

PI4K Class III

- ☐ PIK3C3

PI4K Class IV

- ☐ PI4KB

PIP5K1

- ☐ PIP5K1A
- ☐ PIP5K1B
- ☐ PIP5K1C

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Check Lists

A) General check list:

Compound Submission Form (vials) or file with compound coordinates (plates) mailed to f.totzke@proqinase.com? ☐

A copy of this Screening Project Form (dated & signed) included into package? ☐

B) Check list for dry ice plate shipment:

Plate(s) properly sealed and lidded (see guidelines)? ☐

If more than one plate: Plates sealed & stacked, upper-most plate(s) lidded, stack(s) wrapped with rubber band and stack(s) enclosed in plastic bag(s)? ☐

Sufficient dry ice included (at least 5 kg/prospective day of transport)? ☐

Signature

Date _____ **Signature** _____

Shipping Address

Dr. Frank Totzke

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