



BRSK1 (2 - 778) *

Catalog Number (DU Number):
DU1270

Accession:
NM_032430

Expression
baculovirus

Terminus and Tag:
N-Term 6His Uncleaved

Purification Method:
Ni²⁺ NTA agarose

Enzymatic Assay Format:
Standard filter binding assay

Assay Buffer:
50 mM Tris-HCl pH 7.5, 0.1% 2-mercaptoethanol, 0.1 mM EGTA, 10 mM MgAc

Assay Substrate:
CHKtide [KKKVSRSGLYRSPSPENLNRPR]; Final concentration: 300?M

Calculated Molecular Mass:
Mono-Isotopic Mass: 88,272.15
Average Mass: 88,327.19

Protein Activity:
Constitutively Active

Purity:
>80%

Storage Buffer:
50 mM Tris-HCl pH 7.5, 270 mM Sucrose, 150 mM NaCl, 0.1 mM EGTA, 0.1% 2-mercaptoethanol, 0.2 mM PMSF, 1 mM Benzamidine.

Storage Temperature:
-70 °C [Long term stability to be determined]

Theoretical PI:
9.24

Gel Information :

Gel Image 1:



97

66

45

30

20

14



Native Sequence:

Amino acids S2- P778 (end) of human BRSKI. Residue S29 of the fusion protein is equivalent to S2 of the native enzyme. The His(6) tag is located at residues 5- 10.

Protease Cleavage:

rTEV (ENLYFQG) residues 18- 24

Cloning Sites:

BamH1 sites of pFastBAC HTb

Price per aliquot (100µg):

£110.00

