



## BRSK1 (2 - 778) \*

Catalog Number (DU Number):  
**DU1270**

Accession:  
**NM\_032430**

Expression  
**baculovirus**

Terminus and Tag:  
**N-Term 6His Uncleaved**

Purification Method:  
**Ni<sup>2+</sup> NTA agarose**

Enzymatic Assay Format:  
**Standard filter binding assay**

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

Enzymatic 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%**

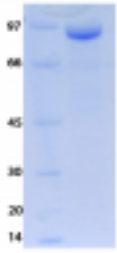
Storage Buffer:  
**50 mM Tris-HCl pH 7.5, 270 mM Sucrose, 150 mM NaCl, 0.1 mM EGTA, 0.1% 2-mercaptoethanol, 0.2 mM PMSF, 1 mM Benzamidine.**

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

Theoretical pI:  
**9.24**

Gel Information :

## Gel Image 1:



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):

**£100.00**