



## BRSK2 (2 - 674) \*

Catalog Number (DU Number):

**DU1280**

Accession:

**AF533878**

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, 0.1mM EGTA, 0.1 % 2-mercaptoethanol, 10 mM MgAc**

Enzymatic Substrate:

**Generic peptide [KKLNRTL<sup>S</sup>FAEPG]; Final concentration: 300 ?M**

Calculated Molecular Mass:

**Mono-Isotopic Mass: 78,340.53**

**Average Mass: 78,389.58**

Purity:

**90 %**

Storage Buffer:

**50 mM Tris-HCl pH 7.5, 270 mM sucrose, 150 mM NaCl, 0.1 mM EGTA, 0.1 % 2-mercaptoethanol, 0.02 % Brij-35, 0.2 mM PMSF, 1 mM Benzamidine.**

Storage Temperature:

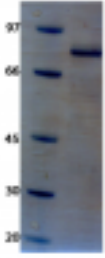
**-70 °C [Long term stability to be determined]**

Theoretical pI:

**8.84**

Gel Information :

**Gel Image 1:**



Native Sequence:

**Amino acids S2 – L674 (end) of human BRSK2. Residue T29 of 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 site of pFastBAC HTb**

Price per aliquot (100µg):

**£100.00**