



BRK (1 - 451)

Catalog Number (DU Number):

DU5916

Accession:

NM_005975

Expression

baculovirus

Terminus and Tag:

N-Term 6His Uncleaved

Purification Method:

Ni²⁺-NTA agarose

Enzymatic Buffer:

50 mM Tris-HCl pH 7.5, 0.1mM EGTA, 10 mM DTT, 10 mM MgAc, 5 mM MnCl₂

Enzymatic Substrate:

Poly Glu:Tyr (4:1); Final concentration: 1 mg/ml

Calculated Molecular Mass:

Mono-Isotopic Mass: 55,170.60

Average Mass: 55,205.80

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, 10 mM DTT, 0.02 % Brij-35, 0.2 mM PMSF, 1 mM Benzamidine.

Storage Temperature:

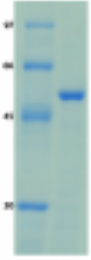
-70 °C

Theoretical pI:

6.41

Gel Information :

Gel Image 1:



Native Sequence:

Amino acids M1 – T451 (end) of human BRK. Residue M29 of fusion protein is equivalent to M1 of the native enzyme. The His(6) tag is located at residues 5 – 10.

Protease Cleavage:

rTEV (ENLYFQG) residues 18 - 24

Cloning Sites:

BamH1 and Not1 site of pFastBAC HTb

Price per aliquot (100µg):

£100.00