



BTK (2 - 659)

Long Name:

Bruton agammaglobulinemia Tyrosine Kinase

Catalog Number (DU Number):

DU12110

Accession:

NP_00052.1

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:

KVEKIGEGTYGVVYK; Final concentration: 300 μ M

Calculated Molecular Mass:

Mono-Isotopic Mass: 79,470.73

Average Mass: 79,521.68

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]

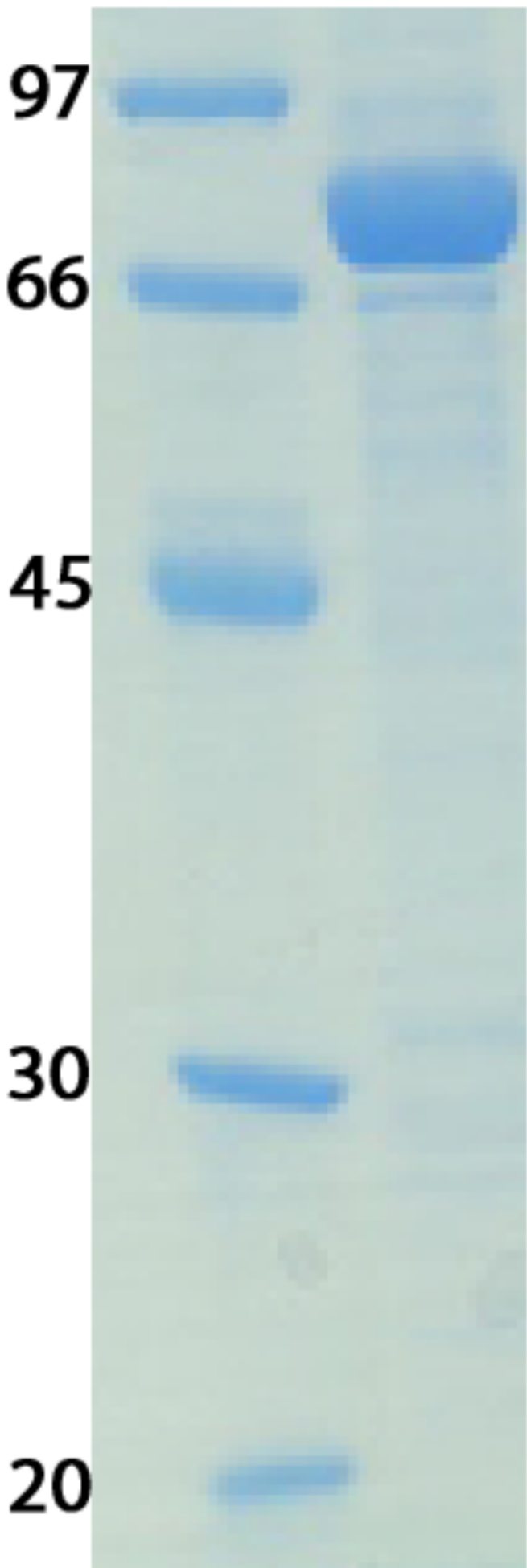
Theoretical PI:

7.06

Gel Information :

Gel Image 1:





Native Sequence:

Amino acids A2 – S659 (end) of human BTK. Residue A29 of the fusion protein is equivalent to A2 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 sites of pFastBAC HTb

Price per aliquot (100µg):

£110.00