

Active Recombinant Full Length Human BTK Protein, GST-tagged

Cat. No. BTK-9653HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Full-length human BTK [2-659(end) amino acids and C481S of accession number NP_000052] was expressed as N-terminal GST-fusion protein (103 kDa) using baculovirus expression system. GST- BTK[C481S] was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	2-659(end)
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.
Purity	85%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

 Tel: 1-631-559-9269 1-516-512-3133

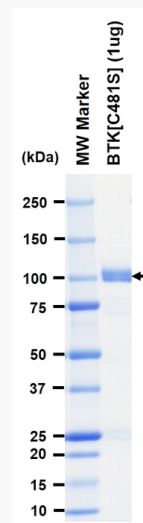
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Bruton agammaglobulinemia tyrosine kinase
Official Symbol	BTK
Synonyms	BTK;AGMX1;AT;ATK;BPK;IGHD3;IMD1;PSCTK1;XLA
Protein Refseq	NP_000052.1
UniProt ID	Q06187

SDS-PAGE

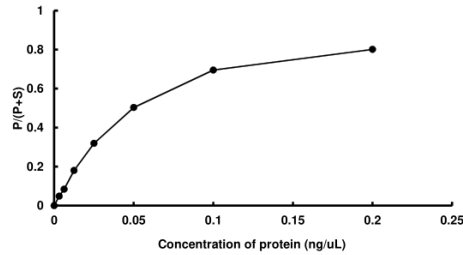


The purity was assessed by SDS-PAGE/CBB staining.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Activity data**Activity data**

The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA