

Bruton'S Tyrosine Kinase (Btk) Recombinant Protein | Btk recombinant protein

Recombinant Bruton'S Tyrosine Kinase (Btk)

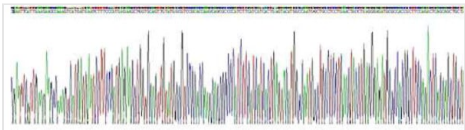
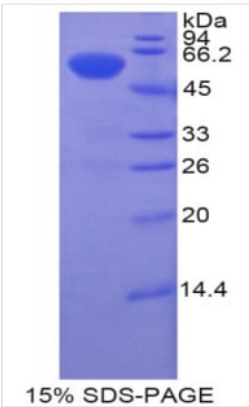
CATALOG # AAA134173	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Bruton'S Tyrosine Kinase (Btk); Recombinant Bruton'S Tyrosine Kinase (Btk); Btk recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for Btk recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ile443~Ser659
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane, Nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	6.0
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Identification
Gene Sequencing (extract)

SDS-PAGE

IIIEAKVMM

NLSHEKLVQL YGVCTQRPI FIITEYMGANG CLLNYLREMR HRFQTQQLLE
MCKDVCEAME YLESKQFLHR DLAARNCLVN DQGVVKVSDF GLSRYVLDDE
YTSSVGSKFP VRWSPPEVLN YSKFSSKSDI WAFGVLMWEI YSLGKMPYER
FTNSETAEHI AQLRLYRPH LASEKVYTIM YSCNHEKADE RPTFKILLSN
ILDVMDDEES

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557377
NCBI GeneID	695
NCBI Accession #	NP_000052.1
NCBI GenBank Nucleotide #	NM_000061.2
UniProt Accession #	Q06187; Q32ML5
Molecular Weight	Predicted Molecular Mass: 55.5kDa Accurate Molecular Mass: 55kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	tyrosine-protein kinase BTK isoform 1
NCBI Official Synonym Full Names	Bruton agammaglobulinemia tyrosine kinase
NCBI Official Symbol	BTK
NCBI Official Synonym Symbols	AT; ATK; BPK; XLA; IMD1; AGMX1; PSCTK1
NCBI Protein Information	tyrosine-protein kinase BTK; B-cell progenitor kinase; agammaglobulinaemia tyrosine kinase; truncated Bruton agammaglobulinemia tyrosine kinase; tyrosine-protein kinase BTK isoform (lacking exon 14); dominant-negative kinase-deficient Brutons tyrosine kinase
UniProt Protein Name	Tyrosine-protein kinase BTK
UniProt Gene Name	BTK
UniProt Synonym Gene Names	AGMX1; ATK; BPK; ATK; BPK
UniProt Entry Name	BTK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.