

Recombinant Human BTK protein(396-659aa), N/A-tagged

Cat. No. BTK-4931H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BTK protein(Q06187)(396-659aa), fused with N/A tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	396-659aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	31.0 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

 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

AA Sequence

EIDPKDLTFLKELGTGQFGVVKYGKWVRGQYDVAIKMIKEGSMSEDEFIEEAKVMMNL
SHEKLVQLYGVCTKQRPIFIITEYMANGCLLNYLREMRHRFQTQQLLEMCKDVCEAM
EYLESKQFLHRDLAARNCLVNDQGVVKVSDFGLSRYVLDDEYTSSVGSKFPVRWSP
PEVLMYSKFSSKSDIWAFAFGVLMWEIYSLGKMPYERFTNSETAEHIAQGLRLYRPHLA
SEKVYTIMYSCWHEKADERPTFKILLSNILDVMDEES

GENE INFORMATION
Gene Name

BTK Bruton agammaglobulinemia tyrosine kinase [*Homo sapiens*]

Official Symbol

BTK

Synonyms

BTK; Bruton agammaglobulinemia tyrosine kinase; AGMX1, IMD1; tyrosine-protein kinase BTK; ATK; PSCTK1; XLA; B-cell progenitor kinase; agammaglobulinaemia tyrosine kinase; tyrosine-protein kinase BTK isoform (lacking exon 14); dominant-negative kinase-deficient Brutons tyrosine kinase; AT; BPK; IMD1; AGMX1; MGC126261; MGC126262;

Gene ID

695

mRNA Refseq

NM_000061

Protein Refseq

NP_000052

MIM

300300

UniProt ID

Q06187

SDS-PAGE

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