

Recombinant Human BTK protein, Flag-tagged, Biotinylated

Cat. No. BTK-38H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BTK [2-659(end) amino acids of accession number NP_000052.1] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	2-659 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	80 kDa
Purity	>95% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

Gene Name	BTK Bruton agammaglobulinemia tyrosine kinase [Homo sapiens]
Official Symbol	BTK

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Synonyms	BTK; ATK; PSCTK1; XLA; AT; BPK; IMD1; AGMX1
Gene ID	695
mRNA Refseq	NM_000061
Protein Refseq	NP_000052
MIM	300300
UniProt ID	Q06187
Chromosome Location	Xq21.33-q22
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen Activates B Cell Receptor Leading to Generation of Second Messengers, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem; B cell receptor signaling pathway, conserved biosystem; BCR signaling pathway, organism-specific biosystem; Class I PI3K signaling events, organism-specific biosystem;
Function	ATP binding; ATP binding; identical protein binding; kinase activity; lipid binding; metal ion binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; phosphatidylinositol-3,4,5-trisphosphate binding; protein binding; protein kinase activity; protein tyrosine kinase activity; protein tyrosine kinase activity;

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