

BTK Protein, Human (Biotinylated, sf9, His, Avi)

Cat. No.:	HY-P702730
Synonyms:	BTK; Bruton agammaglobulinemia tyrosine kinase; tyrosine-protein kinase BTK;
Species:	Human
Source:	Sf9 insect cells
Accession:	Q06187-1 (A2-S659, C481S)
Gene ID:	695
Molecular Weight:	80.4 kDa

PROPERTIES

Biological Activity	The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device. The Km of BTK for its substrate EGFRtide is 137 μ M.
Appearance	Solution.
Formulation	Supplied as a 0.2 μ m filtered solution of 50 mM Tris-HCl, 150 mM NaCl, 10% glycerol, 1 mM DTT, pH 7.5.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

Caution: Product has not been fully validated for medical applications. For research use only.

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