Active Recombinant Full Length Human BTK Protein, DDK-tagged, Biotinylated

Cat. No. BTK-6099HF **Lot. No.** (See product label)

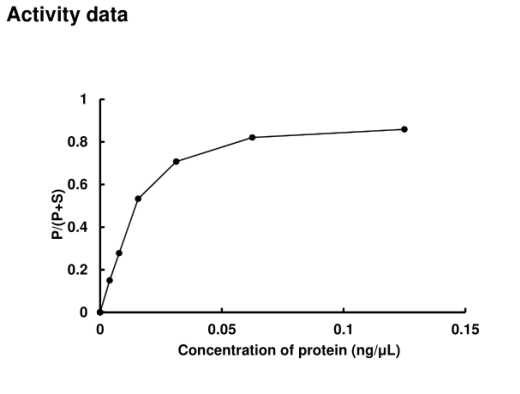
SPECIFICATION

Product Overview	Full-length human BTK [2-659(end) amino acids and T316A of accession number NP_000052.1] was expressed as N-terminal DYKDDDDK tagged, biotinylated protein (80 kDa) using baculovirus expression system. The protein was purified by using DYKDDDDK tag antibody agarose and activated with ATP. Activated protein was purified by using gel filtration.
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(MSA). The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.
Purity	93%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

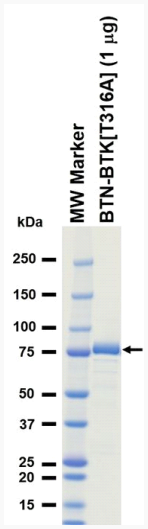
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Conjugation	Biotin

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
Activity data	 The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.

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

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