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

Cat. No. BTK-9988HF **Lot. No.** (See product label)

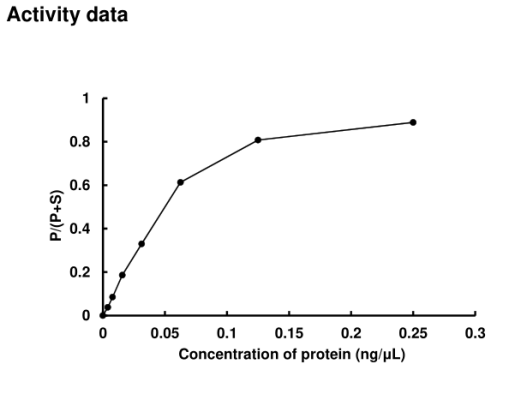
SPECIFICATION

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.
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	92%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

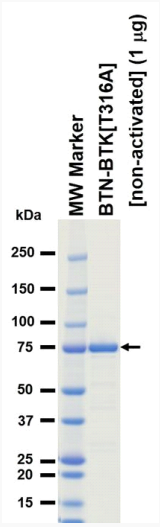
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Conjugation	Biotin

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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