

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

Cat. No. BTK-3135HF Lot. No. (See product label)

SPECIFICATION

Product Overview Full-length human BTK [2-659(end) amino acids and T474S 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 fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.

Purity 95%

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](#)

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