

Active Recombinant Human BLK, GST-tagged

Cat. No. BLK-461H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BLK (Accession # BC007371) , fused with an N-terminal GST tag, was produced in Sf 9 insect cells,.
Species	Human
Source	Sf9 Cells
Form	Supplied in 50 mM Tris-HCl (pH 7.5), 150 mM NaCl, 0.25 mM DTT, 10 mM glutathione, 0.1 mM EDTA, 0.1 mM PMSF, and 25% glycerol.
Bio-activity	The specific activity of Blk was determined to be 102 nmol/min/mg using a poly (Glu:Tyr, 4:1) synthetic peptide substrate
Molecular Mass	Recombinant Human BLK, GST-tagged has a calculated MW of 84 kDa.
Purity	The purity was determined to be >90% by densitometry
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name	BLK B lymphoid tyrosine kinase [Homo sapiens]
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Official Symbol	BLK
Synonyms	BLK; B lymphoid tyrosine kinase; tyrosine-protein kinase Blk; MGC10442; p55-Blk; b lymphocyte kinase; BLK nonreceptor tyrosine kinase; MODY11;
Gene ID	640
mRNA Refseq	NM_001715
Protein Refseq	NP_001706
MIM	191305
UniProt ID	P51451
Chromosome Location	8p23-p22

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