Active Recombinant Human BLK protein, GST-tagged

Cat. No. BLK-953H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human BLK protein(NP_001706.2) (Met 1-Pro 505) was expressed in Insect Cells, fused with the GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-505 aa
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 5mM GSH, pH 7.4.
Bio-activity	The specific activity was determined to be 17.4 nmol/min/mg using Poly(Glu,Tyr)4:1 peptide as substrate.
Molecular Mass	The recombinant human BLK/GST chimera consists of 730 amino acids and migrates as an approximatly 84 kDa band as predicted in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 88 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

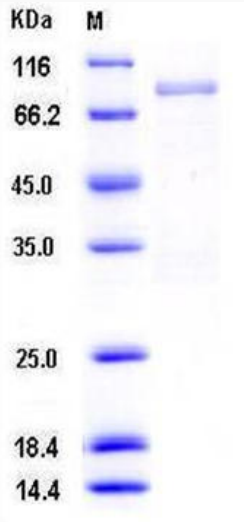
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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	BLK B lymphoid tyrosine kinase [Homo sapiens]
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

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SDS-PAGE	

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