

Recombinant Human BLK Protein, His-tagged

Cat. No. BLK-770H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BLK fused with His tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a nonreceptor tyrosine-kinase of the src family of proto-oncogenes that are typically involved in cell proliferation and differentiation. The protein has a role in B-cell receptor signaling and B-cell development. The protein also stimulates insulin synthesis and secretion in response to glucose and enhances the expression of several pancreatic beta-cell transcription factors.
Form	Supplied as a 0.2 μM filtered solution of 20mM Tris, 500mM NaCl, 1mM DTT, pH 7.4
Molecular Mass	58.7kD
AA Sequence	MGLVSSKKPDKEKPIKEKDKGQWSPLKVSAQDKDAPPLPPLVVFNHLTPPPDEHL DEDKHFVVALYDYTAMNDRDLQMLKGEKLQVLKGTGDWWLARS�VTGREGYVPSN FVARVESLEMERWFFRSQGRKEAERQLLAPINKAGSFLIRESETNKGAFSLSVKDVT TQGELIKHYKIRCLDEGGYYISPRITFPSLQALVQHYSKKGDLGCQRLTLPCVRPAPQ NPWAQDEWEIPRQSLRLVRKLGSGQFGEV
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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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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