

BLK recombinant protein

BLK, Active

CATALOG # AAA73250	HOST Sf9 insect cells	APPLICATIONS Western Blot
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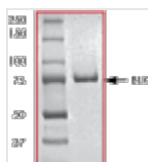
PRODUCT SYNONYMS

BLK; Active; MGC10442; BLK recombinant protein

PRODUCT SPECIFICATIONS

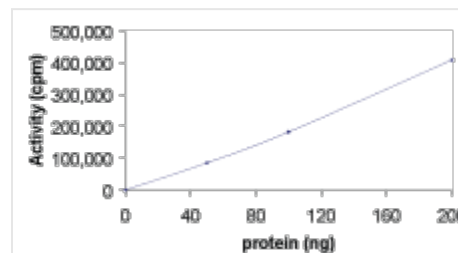
Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for BLK recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for BLK recombinant protein	Recombinant full-length human BLK was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is BC007371. BLK, also known as B lymphoid kinase, is a 55 kd tyrosine kinases with a SH3, SH2 and catalytic domains that contain consensus sequences of the src protein tyrosine kinase family. BLK is expressed specifically in the B cell lineage and plays a role in signal transduction pathway that is restricted to B lymphoid cells (1). Stimulation of resting B-lymphocytes with antibodies to surface immunoglobulin (sIgD or sIgM) induces activation of BLK (2).
Product Categories/Family for BLK recombinant protein	Protein Kinases ; Apoptosis/Autophagy ; Cancer ; Cytoplasmic Tyrosine Kinases ; Inflammation

References	1. Dymecki, SM. et al: Specific expression of a tyrosine kinase gene, blk, in B lymphoid cells. Science. 1990 Jan 19;247(4940):332-6. 2. Burkhardt, AL. et al: Anti-immunoglobulin stimulation of B lymphocytes activates src-related protein-tyrosine kinases. Proc Natl Acad Sci U S A. 1991 Aug 15;88(16):7410-4.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33988212
NCBI GeneID	640
Molecular Weight	57,706 Da
NCBI Official Full Name	Homo sapiens B lymphoid tyrosine kinase, mRNA
NCBI Official Synonym Full Names	BLK proto-oncogene, Src family tyrosine kinase
NCBI Official Symbol	BLK
NCBI Official Synonym Symbols	MODY11
NCBI Protein Information	tyrosine-protein kinase Blk

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/blk-recombinant-protein-sf9-wb-western-blot-kinase-assay/73250>