

Product Data Sheet

Recombinant Human BLK Protein

Catalog #	Source	Reactivity	Applications
CRP1119	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human BLK Protein is produced by our E. coli expression system and the target gene encoding Gly2-Pro505 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris, 500mM NaCl, 1mM DTT, pH 7.4.		
Gene Symbol	BLK		
Alternative Names	Tyrosine-protein kinase Blk; B lymphocyte kinase; p55-Blk		
Entrez Gene	640 (Human)		
SwissProt	P51451 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	GLVSSKKPDK EKPIKEKDKG QWSPLKVSAQ DKDAPPLPPL VVFNHLTPPP PDEHLDEDKH FVVALYDYTA MNDRLQMLK GEKLQVLKGT GDWWLARS LV TGREGYVPSN FVARVESLEM ERWFFRSQGR KEAERQLLAP INKAGSFLIR ESETNKGAFS LSVKDVTTQG ELIKHYKIRC LDEGGYYISP RITFPSLQAL VQHYSKKGDG LCQRLTLPCV RPAPQNPWAQ DEWEIPRQSL RLVKRLGSGQ FGEVWMGYK NNMKVAIKTL KEGTMSPEAF LGANVMKAL QHERLVRLYA VVTKEPIYIV TEYMARGCLL DFLKTDEGSR LSLPRLIDMS AQIAEGMAYI ERMNSIHRDL RAANILVSEA LCCKIADFG LARIIDSEYTA QEGAKFPIKW TAPEAIHFGV FTIKADVWSF GVLLMEVVTY GRVPYPGMSN PEVIRNLERG YRMPRPDTCP PELYRGVIAE CWRSRPEERP TFEFLQSVLE DFYTATERQY ELQPLEHHHH HH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Storage/Stability

Store it at -20°C to -80°C for one year.

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