

## Recombinant Human BLNK Protein

Catalog #	Source	Reactivity	Applications
CRP1120	E. coli	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human BLNK Protein is produced by our E. coli expression system and the target gene encoding Met1-Ser456 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, 1mM DTT, pH 7.2.		
<b>Gene Symbol</b>	BLNK		
<b>Alternative Names</b>	BASH; SLP65; B-cell linker protein; B-cell adapter containing a SH2 domain protein; B-cell adapter containing a Src homology 2 domain protein; Cytoplasmic adapter protein; Src homology 2 domain-containing leukocyte protein of 65 kDa; SLP-65		
<b>Entrez Gene</b>	29760 (Human)		
<b>SwissProt</b>	Q8WV28 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>MDKLNKITVP ASQKLRQLQK MVHDIKNNEG GIMNKIKKLLK VKAPPSVPRR DYASESPADE</p> <p>EQQWSDDFDS DYENPDEHSD SEMYVMPAEE NADDSYEPPP VEQETRPVHP ALPFARGEYI</p> <p>DNRSSQRHSP PFSKTLPSKP SWPSEKARLT STLPALTALQ KPQVPPKPKG LLEDEADYVV</p> <p>PVEDNDENYI HPTESSPPP EKAPMVNRST KPNSSTPASP PGTASGRNSG AWETKSPPPA</p> <p>APSPLPRAGK KPTTPLKTP VASQQNASSV CEEKPIPAER HRGSSHRQEA VQSPVFPPAQ</p> <p>KQIHQKPIPL PRFTEGGNPT VDGPLPSFSS NSTISEQEAG VLCKPWYAGA CDRKSAEEAL</p> <p>HRSNKDGSFL IRKSSGHDSK QPYTLVFFN KRVYNIPVRF IEATKQYALG RKKNGEEYFG</p> <p>SVAEIIRNHQ HSPLVLIDSQ NNTKDSTRLK YAVKVSLEHH HHHH</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Application key:</b>	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		
<b>Species reactivity key:</b>	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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# Product Data Sheet

**Directions for Use** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Storage/Stability** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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