

Recombinant Human BLNK Protein, His-tagged

Cat. No. BLNK-26279TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BLNK(1-456aa) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-456aa
Description	BLNK, also known as B-cell linker, is essential for normal B-cell development. This protein has been shown to associate with the effector proteins GRB2, Vav, NCK and PLC gamma following activation of the B cell receptor. It is phosphorylated by the Syk tyrosine kinase, which in turn permits activation of downstream effector proteins including GRB2 and PLC gamma.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT, 0.1mM PMSF
Molecular Mass	52.6 kDa (476aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)
AA Sequence	MGSSHHHHHH SGLVPRGSHDYENPDEHSD SEMYVMPAEE NADDSYEPPP VE QETRPVHP ALPFARGEYI DNRSSQRHSP PFSKTLPSKP SWPSEKARLT STLPALT ALQMDKLNKITVP ASQKLRQLQK MVHDIKNNEG GIMNKIKKLL VKAPPSVPRR DY ASESPADE EQQWSDDFDSKPQVPPKPKG LLEDEADYVV PVEDNDENYI HPTTESS

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SPPP EKAPMVNRST KPNSSTPASP PGTASGRNSG AWETKSPPPA APSPLPRAG
 KKPTTPLKTTT VASQQNASSV CEEKPIPAERHRGSSHRQEAVQSPVFPPAQKQIH
 QKPIPLPRFTEGGNPTVDGPLPSFSSNSTISEQEAGVLCKPWYAGA CDRKSAEEAL
 HRSNKDGSFL IRKSSGHDSK QPYTLVFFN KRVYNIPVRF IEATKQYALG RKKNG
 EEYFG SVAEIIRNHQHSPLVLIDSQ NNTKDSTRLK YAVKVS

Purity > 90% by SDS - PAGE

Storage Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name BLNK B-cell linker [Homo sapiens]

Official Symbol BLNK

Synonyms BLNK; B-cell linker; B-cell linker protein; B cell adaptor containing SH2 domain; B cell activation; B cell adapter containing a SH2 domain protein; BASH; bca; BLNK s; Ly57; SLP 65; SLP65; Src homology [SH2] domain containing leukocyte protein of 65 kD; B-cell activation; B cell linker protein; cytoplasmic adapter protein; B-cell adapter containing a SH2 domain protein; B-cell adapter containing a Src homology 2 domain protein; Src homology 2 domain-containing leukocyte protein of 65 kDa; Src homology [SH2] domain-containing leukocyte protein of 65 kD; AGM4; LY57; BLNK-S; SLP-65; MGC111051;

Gene ID 29760

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mRNA Refseq	NM_001114094
Protein Refseq	NP_001107566
MIM	604515
UniProt ID	Q8WV28

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