

BLNK, 1-456aa, Human, His tag, E.coli

Cat.NO.: TP01344

3th Edition

Synonyms:B-cell linker, BASH, BLNK-S, LY57, MGC111051, SLP-65, SLP65.

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 ? 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 ?.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT, 0.1mM PMSF

Molecular Weight:52.6 kDa (476aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMDKLNKIVPASQKLRQLQKMHVDIKNNEGGIMNKIKKLVKAPPSVPRRDYASE
SPADEEQQWSDDFDSYENPDEHSDSEMYVMPAEENADDSYEPPEVEQETRPVHPALPFARGEYIDNRSSQRHS
PPFSKTLPSKPSWPSEKARLTSTLPALTALQKPQVPPKPKGLLEADYVVPVEDNDENYIHPTSSSPPEKAPM
VNRSTKPNSSTPASPPGTASGRNSGAWETKSPPPAAPSPLPRAGKKPTTPLKTTTPVASQQNASSVCEEKPIPAER
HRGSSHRQEAVQSPVFPPAQKQIHQKPIPLPRFTEGGNPTVDGPLPSFSSNSTISEQEAGVLCKPWYAGACDRKS
AEEALHRSNKDGSFLIRKSSGHDSKQPYTLVVFNKR VYNIPVRFIEATKQYALGRKKNNGEEYFGSVAEIIRNHQHS
PLVLIDSQNNTKDSTRKLYAVKVS

Purity:> 95% by HPLC

Concentration:1.0 mg/ml (determined by BCA assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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