

Recombinant Mouse SH2B3 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP51137

Size: 10ug, 100ug

Protein Name: SH2B adapter protein 3 (Lymphocyte adapter protein) (Lymphocyte-specific adapter protein Lnk) (Signal transduction protein Lnk)

Synonym: Sh2b3, Lnk

UniProt ID: O09039

UniProt Link: www.uniprot.org/uniprotkb/O09039/entry

Species Source: Mouse

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 548 AA

Molecular Weight: 60 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MNEPTVQPSRTSSAPASPRGWSDFCEQHAAAAARELARQYWLFARAHPQPPRADLVSLQFAE
LFQRHFCREVRESLAGPPGHDIRATAPPRPALPKARSSDLGPRPACALQHLRRGLRQLFRRRSA
GELPGATSDTNDIDTTAASRPGPARKLLPWGLREPTEALKEVVLRYSLADEAAMDSGARWQRGRL
VLRSPGPGHSHFLQLFDPPKSSPKLQEACSSIREVRPCTRLEMPDNLYTFVLKVQDQTDIIFEVGDE
QQLNWLAEELRASTGLGLEHPDTELPLSLAAEPGPAPRSPRGSTDSLDQGASPGVLLDPACQKTDHF
LSCYPWFHGPISRVRAAQLVQLQGPDAGVFLVRQSESRRGEYVLTFLNQGRAKHLRLVLTERGQC
RVQHLHFPSVVDMLRHFQRSPIPLECGAACDVRLSGYVVVLSQAPGSSNTVLFPFSLPHWDSELGH
PHLSSVGCPPSHGAELPGQVTPPEQIFHLVPSPEELANSLRQLELESVSSARDSYDMDSSSRGH
LRAIDNQYTPLSQLCREADV

3. Buffer Composition

Liquid format: PBS-based buffer containing 50% glycerol. Glycerol concentration can be customized upon customer request; please state special requirements when placing your order.

Lyophilized format: Buffer before lyophilization is PBS supplemented with 6% trehalose.

4. Storage Conditions

Upon receipt, store the product at -20 °C or -80 °C. Aliquot the product for on-demand use to preserve protein activity and prevent denaturation and inactivation caused by repeated freeze-thaw cycles.

5. Product Description

This product is recombinant SH2B adapter protein 3 (Lymphocyte adapter protein) (Lymphocyte-specific adapter protein Lnk) (Signal transduction protein Lnk) produced using the HEK293T eukaryotic cell expression system. It is suitable for in-vitro functional assays, protein-protein interaction studies, antibody preparation and other biomedical research applications.

Protein Function: Links T-cell receptor activation signal to phospholipase C-gamma-1, GRB2 and phosphatidylinositol 3-kinase.

Subcellular Localization: N/A

6. Notes

- Avoid repeated freeze-thaw cycles to maintain protein stability and biological activity.
- Please specify special buffer-composition requirements at the time of order placement.
- For research use only. Not intended for clinical diagnosis, therapeutic use or commercial manufacturing.