

Recombinant Mouse VINEX Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP51976

Size: 10ug, 100ug

Protein Name: Vinexin (SH3 domain-containing protein SH3P3) (SH3-containing adapter molecule 1) (SCAM-1) (Sorbin and SH3 domain-containing protein 3)

Synonym: Sorbs3, Scam1, Sh3d4

UniProt ID: Q9R1Z8

UniProt Link: www.uniprot.org/uniprotkb/Q9R1Z8/entry

Species Source: Mouse

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 733 AA

Molecular Weight: 82 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MARILGVGRSSASSLNNKEDNESDVALLSPKDPNRVHTKEQLAHPASSNLDPSMQGLPAGLSLDDFI
PGHLRTHIGSSSRGTRVPVIRNGGSNTLNFQFHDPAPRTVCNGCPPP RRDGS LNPDPAWYQTWPG
PGSRPSMSPKPPASQHAQNWSATWTKDSKRQDKRWVKYEGIGPVDES GMPIAPRSSVDSPRDWY
RRMFQQIHRKMPDLQLDWTLEDPPKVVSARASSAEPRHLGTLQRPASRP GTTETSSGRNWNHSEE
TSRNTFNYNFRPSSSGLHPPNQVPRHREKVENVWTEDSWNQFLHELETGHKPKKPLVDDPVEKPA
QPIEVLLERELAKLSAELDKDLRAIETRLPSPKNSQAPRRPLEQPGLEQQPSARLSSAWRPNSPHAP
YFSSSRPLSPHRMADGGGSPFLGRRDFVYPSSAREPSASERGSSPSRKEEKKRKAARLKFD FQAQ
SPKELSLQKGDIVYIHKEVDKNWLEGEHHGRLGIFPANYVEVLPAD EIPKPIKPPTYQVLEYGDAVAQ
YTFKGDLEVELSFRKGERICLIRKVNEHWYEGRITGTGRQGIFPASYVQINREPRRLRLCDDGPQLPAS
PNPTTTAHLSSHSHSPSSIPVDPTDWGGRTSPRRSAFPFPITLQEPRSQTQSLNTPGPTLSHPRATSR
PINLGPSSPNTEIHWTPYRAMYQYRPQNEDELELREGDRVDVMQQCDDGW FVGVSRRRTQKFGTFP
GNYVAPV

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 Vinexin (SH3 domain-containing protein SH3P3) (SH3-containing adapter molecule 1) (SCAM-1) (Sorbin and SH3 domain-containing protein 3) 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: Promotes up-regulation of actin stress fiber formation.

Subcellular Localization: Cell junction, focal adhesion. Cell junction. Cytoplasm, cytoskeleton.
Note=Localized at focal adhesion sites, cell-cell junctions and cell-extracellular matrix junctions.

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.