

Recombinant Human CYTIP Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP50247

Size: 10ug, 100ug

Protein Name: Cytohesin-interacting protein (Cytohesin binder and regulator) (CYBR) (Cytohesin-associated scaffolding protein) (CASP) (Cytohesin-binding protein HE) (Cbp HE) (Pleckstrin homology Sec7 and coiled-coil domains-binding protein)

Synonym: CYTIP, PSCDBP

UniProt ID: O60759

UniProt Link: www.uniprot.org/uniprotkb/O60759/entry

Species Source: Human

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 359 AA

Molecular Weight: 40 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MSLQRLQLQHSSNGNLADFCAGPAYSSYSTLTGSLTMDNRRIQMLADTVATLPRGRKQLALTRSSS
LSDFSWSQRKLVTVKQDNETFGFEIQSYRPQNQNACSSSEMFTLICKIQEDSPAHCAGLQAGDVLA
NINGVSTEGFTYKQVVDLIRSSGNLLTIETLNGTMILKRTELEAKLQVLKQTLKQKWVEYRSLQLQEH
RLLHGDAANCPSLENMDLDELFLGPLPGPGPALVDRNRLSSESSCKSWLSSMTMDSEDGYQTCV
SEDSSRGAFSRQTSTDDECFIPKEGDDFLRRSSSRNRNRSISNTSSGSMSPLWEGNLSSMFGTLPRK
SRKGSVRKQLLKFIPLHRAVEEEESRF

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 Cytohesin-interacting protein (Cytohesin binder and regulator) (CYBR) (Cytohesin-associated scaffolding protein) (CASP) (Cytohesin-binding protein HE) (Cbp HE) (Pleckstrin homology Sec7 and coiled-coil domains-binding protein) 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: By its binding to cytohesin-1 (CYTH1), it modifies activation of ARFs by CYTH1 and its precise function may be to sequester CYTH1 in the cytoplasm.

Subcellular Localization: Cytoplasm. Early endosome. Note=Recruited from the cytosol to endosomes by SNX27.

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.