

Recombinant Mouse CBLN3 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP51911

Size: 10ug, 100ug

Protein Name: Cerebellin-3

Synonym: Cbln3

UniProt ID: Q9JHG0

UniProt Link: www.uniprot.org/uniprotkb/Q9JHG0/entry

Species Source: Mouse

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 197 AA

Molecular Weight: 21 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MGTEWHKPKLSLALVLLTLEAGWAQEGSEPVLLERGECLVVCEPGRPTAGGPGGAALGEAPPGRVA
FAAVRSHHHEPAGETGNGTSGAIYFDQVLVNEGEGFDRTSGCFVAPVRGVYSFRFHVVKVYNRQT
VQVSLMLNTWPVISAFANDPDVTREAAATSSVLLPLDPGDRVSLRLRRGNLLGGWKYSSFSGFLIFPL

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 Cerebellin-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: May be involved in synaptic functions in the CNS.

Subcellular Localization: Endoplasmic reticulum. Golgi apparatus, cis-Golgi network. Secreted. Synapse. Note=In the absence of CBLN1, remains in the endoplasmic reticulum/cis-Golgi apparatus. Partial secretion depends on an association with CBLN1 and maybe CBLN4, but not on CBLN2.

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.