

Recombinant Human Zinc finger protein 91(ZNF91),partial

Catalog No: #AP76557

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Package Size: #AP76557-1 20ug #AP76557-2 100ug #AP76557-3 1mg

Description

Product Name	Recombinant Human Zinc finger protein 91(ZNF91),partial
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-208aaSequence Info:Partial
Other Names	Membrane-bound C2 domain-containing protein
Accession No.	Q05481
Uniprot	Q05481
GeneID	7644;
Calculated MW	51.4 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MPGTPGSLEMGLLFRDVAIEFSPEEWQCLDTAQQNLYRNVMLENYRNLAFGLIALSKPDLITYLEQGKEPWN MKQHEMVDEPTGICPHFPQDFWPEQSMEDSFQKVLRLRYEKCGHENLQLRKGCKSVDECKVHKEGYNKLN QCLTTAQSQKVFQCGKYLKVFYKFLNSNRHTIRHTGKKCFKCKKCVKSFCIRLHKTQHKKCVYITEK
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Binds glycerophospholipids in a barrel-like domain and may play a role in cellular lipid transport . Binds calcium (via the C2 domains) and translocates to sites of contact between the endoplasmic reticulum and the cell mbrane in response to increased cytosolic calcium levels. Helps tether the endoplasmic reticulum to the cell mbrane and promotes the formation of appositions between the endoplasmic reticulum and the cell mbrane.

References

E-Syts, a family of membranous Ca²⁺-sensor proteins with multiple C2 domains.Min S.-W., Chang W.-P., Suedhof T.C.Proc. Natl. Acad. Sci. U.S.A. 104:3823-3828(2007)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only