



Recombinant Human Ropporin-1-like protein (ROPN1L)

Product Code	CSB-BP856908HU
Abbreviation	ROPN1L
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.
Uniprot No.	Q96C74
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MPLPDTMFCA QQIHIPPELP DILKQFTKAA IRTQPADVLR WSAGYFSALS RGDPLPVKDR MEMPTATQKT DTGLTQGLLK VLHKQCHHKR YVELTDLEQK WKNLCLPKEK FKALLQLDPC ENKIKWINFL ALGCSMLGGS LNTALKHLCE ILTDDPEGGP ARIPFKTFSY VYRYLARLDS DVSPLETESY LASLKENIDA RKNGMIGLSD FFFPKRKLE SIENSEDVGH
Source	Baculovirus
Target Names	ROPN1L
Protein Names	Recommended name: Ropporin-1-like protein Short name= ROPN1-like protein Alternative name(s): AKAP-associated sperm protein
Expression Region	1-230
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein is a sperm protein, which interacts with A-kinase anchoring protein, AKAP3, through the amphipathic helix region of AKAP3. Type II regulatory subunit of cAMP-dependent protein kinase (PKARII) also binds to this helix domain of AKAP3, which allows PKARII to be targeted to specific subcellular compartments. It is suggested that sperm contains several proteins that bind to AKAPs in a manner similar to PKARII, and this encoded protein may be one of them.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Shelf Life

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