

Recombinant Mouse Ropn1 Protein, Myc/DDK-tagged

Cat. No. Ropn1I-5571M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ropporin 1-like (Ropn1I), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Important for male fertility. With ROPN1, involved in fibrous sheath integrity and sperm motility, plays a role in PKA-dependent signaling processes required for spermatozoa capacitation.
Molecular Mass	25 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Ropn1l ropporin 1-like [Mus musculus (house mouse)]
Official Symbol	Ropn1l
Synonyms	ROPN1L; ropporin 1-like; ropporin-1-like protein; AKAP-associated sperm protein; A-kinase anchoring protein-associated sperm protein; ASP; Akapasp; AV047578
Gene ID	252967
mRNA Refseq	NM_145852
Protein Refseq	NP_665851
UniProt ID	Q9EQ00

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