Recombinant Full Length Human ROPN1B Protein, C-Flag-tagged

Cat. No. ROPN1B-1920HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ROPN1B Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables protein heterodimerization activity. Predicted to be involved in several processes, including flagellated sperm motility; protein localization to cilium; and sperm capacitation. Located in cytoplasm and motile cilium.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	23.8 kDa
AA Sequence	MAQTDKPTCIPPELPKMLKEFAKAAIRAQPQDLIQWGADYFEALSRGETPPVRERSE RVALCNWAELTPE LLKILHSQVAGRLIIRAEELAQMWKVVNLPTDLFNSVMNVGRFT EEIEWLKFLALACSALGVTITKTLKI VCEVLSCDHNGGLPRIPFSTFQFLYTYIAEVDG EICASHVSRMLNYIEQEVIGPDGLITVNDFTQNPRVW LE TRTRPLEQKLISEEDLAA NDILDYKDDDDKV
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

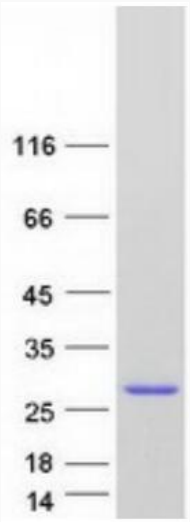
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	handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	ROPN1B rhophilin associated tail protein 1B [Homo sapiens (human)]
Official Symbol	ROPN1B
Synonyms	AKAP-binding sperm protein ropporin; ropporin, rhophilin associated protein 1B
Gene ID	152015
mRNA Refseq	NM_001012337.3
Protein Refseq	NP_001012337.1
UniProt ID	Q9BZX4

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Coomassie blue staining of purified ROPN1B protein.

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