

Product datasheet for TP322170L

ROPN1B (NM_001012337) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ropporin, rhophilin associated protein 1B (ROPN1B), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222170 representing NM_001012337 Red=Cloning site Green=Tags(s)

MAQTDKPTCIPPELPKMLKEFAKAAIRAQPQDLIQWGADYFEALSRGETPPVRERSERVLCNWAELTPE
LLKILHSQVAGRLIIRAEELAQMWKVNLPTDLFNSVMNVGRFTEEIWLKFLALACALGVTITKTLKI
VCEVLSCDHNGGLPRIPFSTFQFLYTYIAEVDGEICASHVSRMLNYIEQEVIGPDGLITVNDFTQNPVW
LE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	23.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001012337</u>
Locus ID:	152015
UniProt ID:	<u>Q9BZX4</u> , <u>A0A140VKG6</u>



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RefSeq Size: 1018

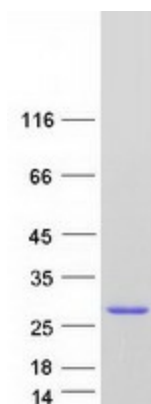
Cytogenetics: 3q21.2

RefSeq ORF: 636

Summary: Important for male fertility. With ROPN1L, involved in fibrous sheath integrity and sperm motility, plays a role in PKA-dependent signaling processes required for spermatozoa capacitation.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified ROPN1B protein (Cat# [TP322170]). The protein was produced from HEK293T cells transfected with ROPN1B cDNA clone (Cat# [RC222170]) using MegaTran 2.0 (Cat# [TT210002]).