

Product datasheet for MC213270

Ropn1l (NM_145852) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ropn1l (NM_145852) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ropn1l
Synonyms: Akapasp; ASP; AV047578
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC213270 representing NM_145852
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCGCTGCCCGACACCATGTTCTGCGCGCAGCAGATCCACATCCCCCGGAGCTGCCGGACATCCTCA
AGCAGTTCACCAAGGCTGCCATCCGTACGCAGCCGGCGGACGTGCTGCAGTGGTCGGCGGGTATTTTC
AGCCCTGTCCAGAGGAGACCCACTTCTGTAAAGGACAGAATTGAAATGCCTGTGGCCACACAGAAGACT
GACACAGGCCTGACCCAGGGACTCCTGAAAGTCTGCACAAGCAGTGTAGCCACAAGCAATATGTGGAGT
TAGCAGATCTTGAGAAGAAGTGAAAAATTTGTGCCTGCCAGTAGAAAAGCTCAGAACGATCCTGGAGCT
GGATCCATGTGAGGACAAAATAGAGTGGATCAAGTTTTTAGCGCTCGGATGCAGCTCCCTGGGCAGGACC
CTGAACACGGCCATGAAGAACGTGTGTGAGATCCTCACCTCTGACCCGGAGGGCGGGCCTGCTCGCATCC
CCTTTGAAACCTTTGCCTATGTTTACCAGTACTTGTCTGGACTGGACCCAGAAGTCCCGCCGTGGAGAC
CGAGAAGTATCTTACCAGTTTAAAGACTGATGTCAGAATCTAGAAAAGTGGCATGATAGGACTTTCGGAC
TTCTTCGTTGAAAAAAGATAAT**ATAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_145852
Insert Size: 657 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_145852.2</u> , <u>NP_665851.2</u>
RefSeq Size:	910 bp
RefSeq ORF:	657 bp
Locus ID:	252967
UniProt ID:	<u>Q9EQ00</u>
Cytogenetics:	15 B2
Gene Summary:	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.[UniProtKB/Swiss-Prot Function]