

Product datasheet for **SC106880**

AKAP associated Sperm Protein (ROPN1L) (NM_031916) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AKAP associated Sperm Protein (ROPN1L) (NM_031916) Human Untagged Clone
Tag:	Tag Free
Symbol:	ROPN1L
Synonyms:	ASP; RSPH11
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_031916, the custom clone sequence may differ by one or more nucleotides

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ATGCCGCTTCCCGACACCATGTTCTGCGCTCAGCAGATCCACATCCCCCGGAGCTGCCGGACATCCTGA
AGCAATTCACCAAGGCTGCCATCCGCACCCAGCCGGCCGACGTGCTGCGGTGGTCCGCGGGCTATTTTTC
AGCTCTGTCGAGAGGAGATCCACTTCTGTAAAGGACAGAATGGAAATGCCACGGCAACCCAGAAAACA
GACACAGGCTGACTCAAGGACTCCTGAAAGTTTTGCACAAGCAGTGTCACCACAAGCGGTATGTGGAAT
TAACAGATCTTGAGCAGAAGTGAAGAAGTGTGCCTGCCGAAGGAAAAATTCAAAGCGCTTTACAAC
GGATCCTTGTGAAAACAAAATCAAGTGGATAAACTTTTTAGCGCTTGGATGCAGCATGCTTGGTGGGTCC
TTGAACACTGCGCTGAAGCACCTGTGCGAGATCCTCACGGACGATCCGGAGGGCGGGCCCCCTCGCATCC
CCTTCAAGACGTTTTCTACGTTTACCGCTACTTGGCCAGATTAGACTCAGATGTGTCTCCCTTGGAGAC
GGAATCCTACCTTGCCTCTCTAAAGGAAAATATAGACGCCAGGAAGAACGGCATGATAGTCTTTTCAGAT
TTCTTCTTTCAAAGAGGAACTTTTAGAAAGCATTGAAAACCTGAAGATGTAGGCCATTAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_031916 unedited ATTTTGTAAATACGACTACTATAGGGCGGCCGGAATTCGGCACCAGGGGAGCGGCCCT GGCCGCAAGCCCCGCGCTGCTAGCGGGTCCACCGCGTCGTAGCCGACAGCCGCCCTTCTT CCTCGCAGCGCCGCGATTACCAGCCTGGTCCCTTCTGCGGAGAGCGATGCCGCTTCC CGACACCATGTTCTGCGCTCAGCAGATCCACATCCCCCGGAGCTGCCGGACATCCTGAA GCAATTCACCAAGGCTGCCATCCGACCCAGCCGGCCGACGTGCTGCGGTGGTCCGCGGG CTATTTTTCAGCTCTGTGAGAGGAGATCCACTTCTGTAAAGGACAGAATGAAAATGCC CACGGCAACCCAGAAAACAGACACAGGCCTGACTCAAGGACTCCTGAAAGTTTTGCACAA GCAAGTGTACCCACAAGCGGTATGTGGAATTAACAGATCTTGAGCAGAAAGTGAAGAACTT GTGCTGCCGAAGGAAAAATTCAAAGCGCTCTTACAACCTGGATCCTTGTGAAAACAAAAT CAAGTGGATAAACTTTTAGCGCTTGGATGCAGCATGCTTGGTGGGTCCTTGAACACTGC GCTGAAGCACCTGTGCGAGATCCTCACGGACGATCCGGAGGGCGGGCCCGCTCGCATCCC CTTCAAGACGTTTTCTACGTTTACCGCTACTTGGCCAGATTAGACTCAGATGTGTCTCC CTTGGAGACGGNATCCTACCTTGCCTCNTCTAAGGAAATATAGAGCCAGNAAGAAACGC ATGATAGGTCTTTCAGATTTCTTCTTCCAAGAGGNAACTNTTAGAAGCATTGAAACTCT GNAGATGTAGGCCATTATACAGAGAAGATACATTNTC
Restriction Sites:	Please inquire
ACCN:	NM_031916
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:	NM_031916.2 , NP_114122.2
RefSeq Size:	1052 bp
RefSeq ORF:	693 bp
Locus ID:	83853
UniProt ID:	Q96C74
Cytogenetics:	5p15.2

Gene Summary:

This gene encodes a member of the ropporin family. The encoded protein is present in sperm and interacts with A-kinase anchoring protein, AKAP3, through the amphipathic helix region of AKAP3. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Oct 2014]

Transcript Variant: This variant (1) and variant 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.