

Product datasheet for **SC303794**

Peropsin (RRH) (NM_006583) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Peropsin (RRH) (NM_006583) Human Untagged Clone
Tag:	Tag Free
Symbol:	Peropsin
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_006583 edited <pre>GGTGTTCGGTATCTTCCCTCCAAATGCTAAGAAATAATTTAGGCAACAGTTCAGACTC TAAAAATGAAGATGGCTCGGTCTTTTCACAGACTGAACACAATATTGTTGCAACTTACTT GATTATGGCAGGTATGATAAGTATTATCAGCAACATAATAGTTCTGGGCATCTTCATTAA GTACAAGGAACCTCGGACACCCACAAATGCAATTATTATTAACCTGGCTGTTACTGATAT AGGGGTGAGTAGCATTGGCTATCCCATGTCTGCTGCCTCAGATCTGTATGGAAGTTGGAA ATTTGGATACGCAGGCTGTCAGGTTTATGCTGGATTGAATATTTTTTTTGGAAATGGCAAG CATTGGATTACTCAGGTCGTGGCTGTGGACCGATACCTGACCATCTGCCTTCCTGACGT AGGGAGAAGAATGACCACCAACACTTACATCGGCTTGATTCTGGGAGCCTGGATCAATGG CCTGTTTTGGGCTTTGATGCCTATCATAGGGTGGGCTAGTTATGCCCCAGATCCTACTGG TGCTACGTGTACCATAAACTGGAGGAAAAATGATAGATCTTTTGTGCTTACACCATGAC AGTTATTGCGATAAATTTTATTGTGCCCTTGACAGTGATGTTTTACTGCTATTACCATGT CACGCTATCCATTAACATCACACTACCACTGACTGCACTGAGTCCCTCAACAGAGACTG GTCAGATCAGATAGATGAACAAAGATGTCTGTGATCATGATCTGCATGTTTCTGGTGGC ATGGTCCCCTTATTCCATCGTGTGCTTATGGGCTTCTTTTGGTGACCCAAAGAAGATTCC TCCCCCATGGCCATCATAGCTCCACTGTTTGCAAAATCTTCTACATTCTATAACCCCTG CATTTATGTGGTTGCTAATAAAAAAGTTTCGGAGGGCAATGCTTGCCATGTTCAAATGTCA GACTACCAAACAATGCCTGTGACAAGTATTTACCCATGGATGTATCTCAAACCCATT GGCTTCTGGAAGAATCTGAAATAAGAGAAAAGGACACACTATCAAACACTTTAGTTTTT TGACAATGCTTTTCTTTTAAATATGAGCCATTTAGATCAAGTGCAGACATGGATCATTG TCCTATGAGAGTGTAAGCTCCTCAAGCACAGCTCGTTGGTACA</pre>
Restriction Sites:	Please inquire
ACCN:	NM_006583
Insert Size:	1200 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_006583.2.
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:	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_006583.2</u> , <u>NP_006574.1</u>
RefSeq Size:	1558 bp
RefSeq ORF:	1014 bp
Locus ID:	10692
UniProt ID:	<u>O14718</u>
Cytogenetics:	4q25
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	Opsins are members of the guanine nucleotide-binding protein (G protein)-coupled receptor superfamily. This gene belongs to the seven-exon subfamily of mammalian opsin genes that includes opsin 5 and retinal G protein coupled receptor. [provided by RefSeq, Jul 2008]