

## Product datasheet for RN212668

### Rnf38 (NM\_134467) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf38 (NM_134467) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rnf38
Synonyms:	Oip1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212668 representing NM_134467 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGCGACCATGGGAGATGACATCAAATAGGCAGCCCCCTTCAGTTCGACCAAATCAGCATCACTTCTCAG  
GGGAACGATGTAAACACACCTGCACGCAACAGGAGAAGTCTCCTGTTAGGCGTCAGCGAGGAAGAAGGGA  
ACGTCTGTCTCGACATAATTCCATTAGTCAAGATGAAAATATCACCATCTCCCTTATGCACAACAGCAA  
GCAATAGAGGAACCTCGAGCCTCCACCCTCCGAATGTATCTCCCGTCTGTTACATCCAGCTGCTCATC  
CACCCAGCAGAATGCAGTCATGGTTGACATACATGACCAGCTCCATCAAGGAACAGTTCCTGTCTCCTA  
CACTGTAACCACAGTGGCGCCCCATGGGATTCCTCTGACAGGCCAGCACATCCCTGCTTGCAGTACA  
CAACAGTCCCAGGATGCTCTGTTGTTTCAGTGGACAGCACCTCCCTGTCTGTAGTGTGCCTCCTCCAA  
TGCTTCAGGCATGTTCACTTCAGCACTTGCAGTACCATATGCTGCGTTCACCCCTCATTCTAGTGA  
TCCGTTTCTTCTACATCCTCCTCATCTTCTCCCATCATCCTCCTCACTTGCACCACCAGGCCAGTTT  
GTCCCTTCCAAACACAGCAGTCAGATCGCCTCTGCAGAGGATAGAAAATGAAGTGGAGCTCTTAGGAG  
AACATCTCAAGTAGGCAGTTTCACTTATCCCCCTTCGGCCACCCCAACATTACCTCGTCAGCTCC  
TTTGCAGTTCCTGACACATGACCCTTTCATCAGGAGGTGCTTTGGAGTACCTTATCCACCATTTATG  
CCTCGGAGACTCACAGGACGTAGCAGATACCGATCCCAGCAGCCAGTGGCCCCCTCTACCTACCATCCCA  
GCTTACTGCCATATGTGTATCAATGCTTCCAGTGCACCTACAGTCGGCCCAACCTTACGCTTTGAATT  
GGATGTGGAAGATGGAGAAGTTGAAAATTACGAAGCCCTGTTAAACCTGGCAGAGAGACTGGGAGAGGCG  
AAACCTCGGGGACTGACTAAAGCGGATATTGAACAGCTCCCTTTTACAGGTTCAACCTAGCAACCACC  
AGTCAGAGCAGACTTTGTGTGTAGTATGCATGTGTGATTTTGTAGTCAAGGCAGCTTCTTAGAGTCTTACC  
CTGTAACCACGAGTTCATGCCAAGTGTGTTGATAAATGGCTTAAGGGAAATCGTACTTGCCCAATTTGC  
CGAGCTGATGCTTCTGAAGTGCACCGGGATTCAAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online >](#)

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_134467
<b>Insert Size:</b>	1299 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_134467.1</a></u> , <u><a href="#">NP_604462.1</a></u>
<b>RefSeq Size:</b>	1709 bp
<b>RefSeq ORF:</b>	1299 bp
<b>Locus ID:</b>	171501
<b>Cytogenetics:</b>	5q22
<b>Gene Summary:</b>	binds conserved Cys-Gly-Pro repeats in the sperm tail outer dense fiber protein Odf1; may play a role in spermatid development [RGD, Feb 2006]