

Product datasheet for **RN212887**

Olfm3 (NM_145777) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Olfm3 (NM_145777) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Olfm3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212887 representing NM_145777
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGTGTCCACTGCTGAAGCTGGGCGTGTGCTCAGCACCATGGCAATGATCTCAAACCTGGATGTCCC
 AAACCTCTCCCATCCCTTGTAGGACTGAACACCACAAGGCTGTCGGCGCCAGATACCTAACTCAGATTAG
 CCCCAAAAGAAGGGTGGCAAGGTACAGCTCAGCACAGGACCCCGATGGACGATGCATTTGTACTGTGGTG
 GCTCCAGAACAAAACCTGTGTTCCAGAGATGCCAAAAGCAGGCAGCTCCGCCAGCTACTGAAAAAGGTAC
 AGAATATGTCCAGTCTATAGAAGTCTTAACTTGAGAACTCAGAGAGATTTTCAATACGCTTAAAGAT
 GAAAACCCAAATGAAAGGGCTGAAGGCCAAGTTTCGGCAGATTGAAGATGATCGGAAGACGCTAATGACC
 AAGCATTTTCAAGAGTTGAAAGAGAAAAATGGACGAGCTACTGCCCTCATCCAGTGTGGAGCAGTACA
 AAACCGACGCAAAGCTCATCACGAGTTCAAGGAGGAAATCCGGAACCTGTCTTCAGTCTCACTGGGAT
 TCAGGAGGAAATCGGTGCCTATGACTATGAAGAACTGCACCAACGGGTCTCAGCTTAGAACTAGGCTT
 CGTGACTGCATGAAAAGCTAACGTGTGGCAAACCTGATGAAAATAACAGGCCCATCACAGTCAAGACAT
 CTGGAACCTCGATTTGGTCTTGGATGACTGATCCTTTAGCATCAGAAAAGAATAACAGAGTCTGGTACAT
 GGACAGTTACACTAAATAAAATAGTTTCGTGAGTACAAGTCCATTGCAGACTTTGTTAGTGAGAGCTGAA
 TCAAGGACATACAACCTCCCTTTCAAGTGGCAGGAACTAACACGTGGTCTACAATGGCTCCCTCTACT
 TTAACAAGTATCAAAGTAATATCATCATCAAGTACAGCTTTGATTTAGGGAGAGTGCTAGCCCAAAGAAG
 CCTGGAGTATGCTGGTTTTACAATGTATACCCCTACAGTGGGGTGGATTCTCCGACATTGACCTAATG
 GCTGATGAAATTTGGGCTGTGGGCTGTATGCAACTAACAGAAATGCAGGCAATATTGTCATCAGCCAGC
 TTAATCAAGATACCTTGGAGGTGATGAAGAGCTGGAGCACTGGCTATCCCAAGAGAAGTGCAGGGGAATC
 CTTTCATGATCTGTGGGACTCTGTATGTACCAATTCCCACTTAACAGGAGCCAAAGTGATTATTCTCTAT
 TCCACAAAACCTCCACATATGAGTACACAGACATCCCTTCCATAACCAATACTTTACATATCTATGC
 TTGACTACAATGCAAGAGATAGAGCTCTTTATGCCTGGAACAATGGCCACCAAGTCTATTCAATGTTAC
 CCTGTTCCACATCATTAAAGACTGAAGATGACACA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_145777
- Insert Size:** 1437 bp
- 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:**
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_145777.1](#), [NP_665720.1](#)

RefSeq Size: 3922 bp

RefSeq ORF: 1437 bp

Locus ID: 252920

UniProt ID: [P63057](#)

Cytogenetics: 2q41

Gene Summary: a Golgi and secreted protein that is involved in eye development and function [RGD, Feb 2006]