

Product datasheet for **RN205517**

Olfm1 (NM_053573) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Olfm1 (NM_053573) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Olfm1
Synonyms:	D2Sut1e; Noe1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205517 representing NM_053573
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGTGCCGCTGCTGAAGATCGGGTCTGCTAAGCACCATGGCCATGATCACCAACTGGATGTCCC
 AGACGCTGCCCTCGCTGGTGGCCCTCAATACCACCCGGCTCTCGCCGCCAGCGCGGGACGCTGGACCG
 CAGCACCGGCGTGTGGCCACCAACCCCGAGGAGACTGGCAGGTGTACAGCTCTGCCCAGGACAGTGAG
 GGCAGGTGTATCTGCACGGTGGTCCGCCCCAGCAGACCATGTGTTACGGGATGCCCGCACAAAACAGC
 TGAGGCAGCTACTGGAGAAGGTGCAAAACATGTCTCAATCCATAGAAGTCTTGGACAGCGGACTCAGAG
 AGACCTGCAGTACGTGGAGAAGATGGAGAACCAGATGAAAGGCCTGGAGTCCAAGTTCAGGCAGGTGGAG
 GAGAGCCATAAGCAGCATCTGGCCAGGCAGTTCGAAGCAATAAAAGCGAAAATGGATGAACCTTAGGCCTT
 TGATTCCTGTGTTGGAAGAGTACAAGGCCGATGCCAAATTGGTATTGCAGTTAAAGGAGGAGGTCCAGAA
 TCTGACGTCAGTGCTTAACGAACTGCAAGAGGAAATTGGCGCCTATGACTACGATGAACCTCAGAGCAGA
 GTGTCCAATCTTGAAGAAAGGCTCCGTGCATGCATGCAAAAACACTAGCCTGCGGGAAGCTGACAGGCATAA
 GTGACCCGGTGACTGTCAAGACCTCAGGCTCAAGGTTCCGGTCTGGATGACAGACCCACTGGCCCCAGA
 AGGTGATAACCGGGTCTGGTACATGGATGGTTATCACAACAACCGCTTTGTCCGTGAGTACAAGTCCATG
 GTGGACTTCATGAACACGGATAATTTTACCTCGCACCGTCTCCCACCCCTGGTCGGGCACGGGCCAGG
 TGGTCTACAATGGCTCCATCTATTTCAACAAATTCAGAGTACATTATCATTAGGTTTGACCTGAAGAC
 AGAGACGATCCTGAAGACCGGGAGCCTGGACTACGCTGGCTACAACAACATGTACCACTATGCCTGGGGC
 GGCCACTCAGACATCGACCTCATGGTGGACGAGAACGGGCTCTGGGCCGTCTACGCCACAAAACAGAACG
 CAGGCAACATTGTATCAGCAAGCTGGATCCTGTCTCACTGCAAAATCCTCCAGACCTGGAACACCAGCTA
 CCCAAGCGCAGCGCCGGCAGGCTTTCATCATCTGCGGCACCCTCTACGTCACCAACGGTTACTCGGGG
 GGCACCAAGTCCACTATGCCTACCAAAACCAACGCCTCGACCTACGAGTACATTGACATCCCTTCCAGA
 ACAAATACTCTCACATCTCCATGCTGGACTACAACCCTAAAGACCGCGCCTGTACGCCTGGAACAACGG
 CCATCAGACCCTCTACAACGTCACCCTCTCCACGTCATCCGCTCCGATGAGTT**GTAG**

ACCGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_053573

Insert Size: 1458 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_053573.1](#), [NP_446025.1](#)
RefSeq Size: 2759 bp
RefSeq ORF: 1458 bp
Locus ID: 93667
UniProt ID: [Q62609](#)
Cytogenetics: 3p12
Gene Summary: gene produces four distinct neuronal glycoproteins [RGD, Feb 2006]