

Product datasheet for **SC107255**

OAF (NM_178507) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OAF (NM_178507) Human Untagged Clone
Tag:	Tag Free
Symbol:	OAF
Synonyms:	NS5ATP13TP2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107255 sequence for NM_178507 edited (data generated by NextGen Sequencing) <pre> ATGCGCCTTCCCGGGGTACCCCTGGCGGCCCTGCGCTGCTGCTGCTGCCGCTGCTC GCGCCGCTGCTGGGAACGGGTGCGCCGGCCGAGCTGCGGGTCCGCGTGCGGCTGCCGGAC GGCCAGGTGACCGAGGAGAGCCTGCAGGCGGACAGCGACGCGGACAGCATCAGCCTCGAG CTGCGCAAGCCCGACGGCACCCCTCGTCTCCTTCACCGCCGACTTCAAGAAGGATGTGAAG GTCTTCCGGGCCCTGATCCTGGGGGAGCTGGAGAAGGGGAGAGTCAAGTCCAGGCCCTC TGCTTTGTCACCCAGCTGCAGCACAATGAGATCATCCCCAGTGAGGCCATGGCCAAGCTC CGGCAGAAAAATCCCCGGGCAGTGCGGCAGGCGGAGGAGTTCCGGGTCTGGAGCATCTG CACATGGATGTCGCTGTCAACTTCAGCCAGGGGGCCCTGCTGAGCCCCCATCTCCACAAC GTGTGTGCCGAGGCCGTGGATGCCATCTACACCCGCCAGGAGGATGTCCGTTCTGGCTG GAGCAAGGTGTGGACAGTTCTGTGTTTCGAGGCTCTGCCCAAGGCCTCAGAGCAGGCGGAG CTGCCTCGCTGCAGGCAGGTGGGGGACACGGGAAGCCCTGCGTCTGCCGCTATGGCCTG AGCCTGGCCTGGTACCCCTGCATGCTCAAGTACTGCCACAGCCGCGACCGGCCACGCCC TACAAGTGTGGCATCCGAGCTGCCAGAAGAGCTACAGCTTCGACTTCTACGTGCCCCAG AGGCAGCTGTGTCTCTGGGATGAGGATCCCTACCCAGGCTAG </pre>

Clone variation with respect to NM_178507.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_178507 unedited
 NNGGGGCCNNNNNNNTCCNNNNCCCGTTCAAATTTGTATACGACTCATATAGCGGC
 CGCGNAATTTCGCACGAGGCCCGAGCCCGGGGCCGCGAGCCGGGCGGGCAGCGCCGTC
 TCCGCCTCGGGGCCCGCGGGGGCGCCCTGCTGAGCGCTACCCACGTGCGTCCGCGCCACC
 TCGCGGGCAGCCCGCGGCCAAGGCCCGCGGAGCGGCTCCCGGGCGCCCCGAAGTAG
 CCCCCAACTTTGGGCGAAGTTTGCCTGCGCCTCTCCCCGCCCCACGCGCGCGCCGGG
 CCGCGGACGCGCAGCGCCCCCGGGGATGCGCCTTCCCGGGGTACCCCTGGCGCGCCCTGC
 GCTGCTGCTGCTGCTGCCGCTGCTCGCGCGCTGCTGGGAACGGGTGCGCCGGCCGAGCT
 GCGGGTCCGCGTGCCTGCGGACGCGCAGGTGACCGAGGAGAGCCTGCAGCGGACAG
 CGACGCGGACAGCATCAGCCTCGAGCTGCGCAAGCCCGACGCGACCCTCGTCTCCTTCAC
 CGCCGACTTCAAGAAGGGATGTGAAGTCTTCCGGGCCCTGATCCTGGGGGAGCTGGAGA
 AGGGGACAGTCAAGTCCAGGCCCTGCTGCTGTCACCCAGCTGCAGCACAATGAGATCA
 TCCNACGTGAGGCCATGGCCAAGCTCCGGCAGAAAAATCCCCGGGCAGTCCGGCAGCGNN
 AGGAGNTTTCGGGGTCTGGAGCATCTGCACAGGATGGTGCCTGTCAACTCAGCCAGGGG
 GCCCTGCTGAGCCCCATCTCACAACGTGTGTGCCGAGGCCCGGGGATGCCATCTACACC
 GCCGGAAGGAGTGCCCGTTCTTGGCTGGAGCAAGGGGGGGAACAATTCTGTGGTTTAA
 GAGTTTGGCCAAGGCCTTAAACCAGGCCGGAAGTGCCTTCTGCAGCAAGTGGGGGGA
 CCACGGGAAGCCCTTGGTTGGCCGTTTGGCCTGAACCTGGCCTGAACCCCTGCATGCTCA
 AGAACGGCCA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_178507 unedited
 GNGANGAGCACTGGGNGGGGTACAGGGATGCCACCCGGGATCTGTTTCAGGAAACAGCT
 ATGACCGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTTTTTTTTTTTCCAAGAAAAAATTAACAGTTTTTTTCGGGAAAA
 AGGAAAAATCCTTTGCCCTAAAAATCGGAATTCAAGTTTTCCCGTACTTAAGGCCCCC
 CCCCCGCCCAAAACCTTACAAAAATTTTTTGGGTAAAGGGGAAAAACCTGGGCCCTG
 CTCTGGAGGCAACCCCGAGGCCCGGAAAGGCCCGGGGCTGGGATCTGCCCCAGGGG
 GGGGGGTCTCCACCCGCCCAAGGCAGCCTGGGGGCCAGAAATGAAAAATGCTGTAA
 CCAATCCAGGGCCCCCGGCCCGGGGCCCAACCCCTCCTTATTGGGGCAACAGGCC
 CATTATCGGGGTACAGACACACAAATAAACCACTCCCTTCGTGACGACACACCCCCC
 ACGCTACAGAATACCAACACCCGAGGCATAGCAAGCAATGTGACTTACCCACAATGCG
 ATCTCACACAAGCGCCACACGCCAACATGTTTATAAACCACTAATACCAACCATC
 CCCCACAAACAAAGTACTCCGAATACCACAAGTACCAACAATAACCAAGCACCCTGAT
 AATCTCTGACGTGCATGCAACTGAACCGACGCGCACCGTACCCAGTACGAGCATAAACT
 ACCAAATAGCAACAGCAACAAAGCCCAAAACACGACAAGTGGACAACACCCCAACCA
 ATATAAAGATGCCTAATTCACGCTCGCGTAACATCCG

Restriction Sites:

NotI-NotI

ACCN:

NM_178507

Insert Size:

2100 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_178507.2, NP_848602.1

RefSeq Size: 1957 bp

RefSeq ORF: 822 bp

Locus ID: 220323

UniProt ID: Q86UD1

Cytogenetics: 11q23.3