

Product datasheet for **SC305754**

Optimedin (OLFM3) (NM_058170) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Optimedin (OLFM3) (NM_058170) Human Untagged Clone
Tag:	Tag Free
Symbol:	Optimedin
Synonyms:	NOE3; NOELIN3; OPTIMEDIN
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_058170 edited
 ATGCAGGCGACGTCCAACCTTCTCAACCTCCTGCTGCTGCTTTTGTGGCCGATTAGAT
 CTTTCCAAGACTCAGATTAGTCTAAAGAAGGGTGGCAGGTGTACAGCTCAGCTCAGGAT
 CCTGATGGGCGGTGCATTGTCACAGTTGTTGCTCCAGAACAAAACCTGTGTTCCCGGGAT
 GCCAAAAGCAGGCAACTTCGCCAACTACTGAAAAGGTTCAGAACATGTCCCAGTCTATT
 GAAGTCTTAAACTTGAGAACTCAGAGAGATTTCCAATATGTTTTAAAAATGGAACCCAA
 ATGAAAGGGCTGAAGGCAAAATTCGGCAGATTGAAGATGATCGAAAGACACTTATGACC
 AAGCATTTTCAGGAGTTGAAAGAGAAAATGGACGAGCTCCTGCCTTTGATCCCCGTGCTG
 GAACAGTACAAAACAGATGCTAAGTTAATCACCCAGTTCAAGGAGGAAAATAGGAATCTG
 TCTGCTGCTCCTACTGGTATTGAGGAGGAAATGGTGCCTATGACTACGAGGAACACAC
 CAAAGAGTGCTGAGCTTGAAAACAAGACTTCGTGACTGCATGAAAAGCTAACATGTGGC
 AAAGTGTGAAAATCACAGGCCAGTTACAGTCAAGACATCTGGAACCCGATTTGGTGCT
 TGGATGACAGACCCTTTAGCATCTGAGAAAAACAACAGAGTCTGGTACATGGACAGTTAT
 ACTAACAATAAAATTTGTCGTGAATACAAATCAATTGCAGACTTTGTCAGTGGGGCTGAA
 TCAAGGACATACAACCTTCTTTCAAGTGGGCAGGAACTAACCATGTTGTCTACAATGGC
 TCACTCTATTTTAAAGTATCAGAGTAATATCATCAAAATACAGCTTTGATATGGGG
 AGAGTGCTTGCCCAACGAAGCCTGGAGTATGCTGGTTTTTCATAATGTTTACCCTACACA
 TGGGGTGGATTCTCTGACATCGACCTAATGGCTGATGAAATCGGGCTGTGGGCTGTGAT
 GCAACTAACAGAAATGCAGGCAATATTGTCATCAGCCAACCTAACCAAGATACCTTGGAG
 GTGATGAAGAGCTGGAGCACTGGCTACCCCAAGAGAAAGTGCAGGGGAATCTTTCATGATC
 TGTGGGACACTGTATGTACCAACTCCCACTTAACTGGAGCCAAGGTGATTATTCCTAT
 TCCACAAAACCTCCACATATGAGTACACAGACATTCCCTCCATAACCAATACTTTAC
 ATATCCATGCTTGACTACAATGCAAGAGATCGAGCTCTCTATGCCTGGAACAATGGCCAC
 CAGGTGCTGTTCAATGTCACCCTTTTCCATATCATCAAGACAGAGGATGACACATAG

Restriction Sites: Please inquire



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ACCN:	NM_058170
Insert Size:	1400 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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_058170.1</u> , <u>NP_477518.1</u>
RefSeq Size:	3231 bp
RefSeq ORF:	1377 bp
Locus ID:	118427
UniProt ID:	<u>Q96PB7</u>
Cytogenetics:	1p21.1
Protein Families:	Secreted Protein