

## Product datasheet for **SC336362**

### Optimedin (OLFM3) (NM\_001288821) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Optimedin (OLFM3) (NM_001288821) Human Untagged Clone
Tag:	Tag Free
Symbol:	Optimedin
Synonyms:	NOE3; NOELIN3; OPTIMEDIN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >SC336362 representing NM\_001288821.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAGTCTCCACTGCTGAAGCTTGGCGCTGTGCTTAGTACCATGGCAATGATCTCAAAGTGGATGTCC
CAAACCTCCCATCCTTGGTGGGACTGAACACCACGAGGCTGTCGACTCCGGATACCTTAACTCAGATT
AGTCCTAAAGAAGGGTGGCAGGTGTACAGCTCAGCTCAGGATCCTGATGGGCGGTGCATTTGCACAGTT
GTTGCTCCAGAACAAAACCTGTGTTCCCGGGATGCCAAAAGCAGGCAACTTCGCCAACTACTGAAAAG
GTTCAGAACATGTCCAGTCTATTGAAGTCTTAAACTTGAGAACTCAGAGAGATTCCAATATGTTTTA
AAAATGAAAACCCAAATGAAAGGGCTGAAGGCAAAATTCGGCAGATTGAAGATGATCGAAAGACACTT
ATGACCAAGCATTTTCAGGAGTTGAAAGAGAAAATGGACGAGCTCCTGCCTTTGATCCCCGTGCTGGAA
CAGTACAAAACAGATGCTAAGTTAATCACCCAGTTCAGGAGGAAATAAGGAATCTGTCTGCTGCCTC
ACTGGTATTCAGGAGGAAATTGGTGCCTATGACTACGAGGAACTACACCAAGAGTGCTGAGCTTGGAA
ACAAGACTTCGTGACTGCATGAAAAAGCTAACATGTGGCAAAGTATGAAAATCACAGGCCAGTTACA
GTCAAGACATCTGGAACCCGATTTGGTGCCTGGATGACAGACCCTTTAGCATCTGAGAAAAACAACAGA
GTCTGGTACATGGACAGTTATACTAACAATAAAATTTGTCGTGAATACAATCAATTGCAGACTTTGTC
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GGCTCACTCTATTTTAAACAAGTATCAGAGTAATATCATCATCAAATACAGCTTTGATATGGGGAGAGTG
CTTGCCCAACGAAGCCTGGAGTATGCTGGTTTTTCATAATGTTTACCCCTACACATGGGGTGGATTCTCT
GACATCGACCTAATGGCTGATGAAATCGGGCTGTGGGCTGTGTATGCAACTAACCAGAATGCAGGCAAT
ATTGTCATCAGCCAACCTTAAACCAAGTACCTTGGAGGTGATGAAGAGCTGGAGCACTGGTACCCCAAG
AGAAGTGCAGGGGAATCTTTCATGATCTGTGGGACTGTATGTCACCAACTCCCCTAACTGGAGCC
AAGGTGTATTATTCCTATTCCACCAAAAACCTCCACATATGAGTACACAGACATTCCCTTCCATAACCAA
TACTTTACATATCCATGCTTACTACAATGCAAGAGATCGAGCTCTCTATGCCTGGAACATGGCCAC
CAGGTGCTGTTCAATGTCACCCTTTTCCATATCATCAAGACAGAGGATGACACATAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001288821

**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\\_001288821.1](#)

RefSeq Size: 3226 bp  
RefSeq ORF: 1437 bp  
Locus ID: 118427  
UniProt ID: [Q96PB7](#)  
Cytogenetics: 1p21.1  
Protein Families: Secreted Protein  
MW: 54.9 kDa