

Product datasheet for **SC108914**

OLFM4 (NM_006418) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OLFM4 (NM_006418) Human Untagged Clone
Tag:	Tag Free
Symbol:	OLFM4
Synonyms:	bA209J19.1; GC1; GW112; hGC-1; hOLfD; OlfD; OLM4; UNQ362
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006418, the custom clone sequence may differ by one or more nucleotides

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ATGAGGCCCGCCTCTCATTCTCCTAGCCCTTCTGTTCTTCTTGGCCAAGCTGCAGGGGATTTGGGGG
ATGTGGGACCTCCAATCCAGCCCGGCTTCAGCTCTTCCAGGTGTTGACTCCAGCTCCAGCTTCAG
CTCCAGCTCCAGGTCGGGCTCCAGCTCCAGCCGACGTTAGGCAGCGGAGTTCTGTGTCCAGTTGTTT
TCCAATTTACCCGGCTCCGTGGATGACCGTGGGACCTGCCAGTGTCTGTTTCCCTGCCAGACACCCT
TTCCCGTGGACAGAGTGGAAACGCTTGAATTACACGCTCATGTTCTTCTCAGAAGTTTGAGAAAGAACT
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ATTGACATCATGGAGAAGGATACATTTCTTACTGAACTGGACTTCGAGCTGATCAAGGTAGAAGTGA
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GCCATTCGCCGAGAAATCGTGGCTCTGAAGACCAAGCTGAAAGAGTGTGAGGCCTCTAAAGATCAAAACA
CCCCTGTCTGCCACCTCCTCCCACTCCAGGGAGCTGTGGTCA TGGTGGTGTGGTGAACATCAGCAAACC
GTCTGTGGTTCAGCTCAACTGGAGAGGTTTTCTTATCTATATGGTGTGGGGTAGGGATTACTCTCC
CAGCATCCAAACAAGGACTGTATTGGGTGGCGCCATTGAATACAGATGGGAGACTGTTGGAGTATTATA
GACTGTACAACACACTGGATGATTTGCTATTGTATATAAATGCTCGAGAGTTGCGGATCACCTATGGCCA
AGGTAGTGGTACAGCAGTTTACAACAACAACATGTACGTAACATGTACAACACCGGGAATATTGCCAGA
GTTAACCTGACCACCAACACGATTGCTGTGACTCAAACCTCCCTAATGCTGCCTATAATAACCGCTTTT
CATATGCTAATGTTGCTTGGCAAGATATTGACTTTGCTGTGGATGAGAATGGATTGTGGGTATTTATTC
AACTGAAGCCAGCACTGGTAACATGGTATTAGTAACTCAATGACACCACACTTCAGGTGCTAAACACT
TGGTATACCAAGCAGTATAAACCATCTGCTTCTAACGCCCTTCATGGTATGTGGGGTTCTGTATGCCACCC
GTACTATGAACACCAGAAGAGATTTTTTACTATTATGACACAAACACAGGAAAGAGGGCAAACCT
AGACATTGTAATGCATAAGATGCAGGAAAAAGTGCAGAGCATAACTATAACCCTTTTGACCAGAAACTT
TATGCTATAACGATGGTACCTTCTGAATTATGATCTTCTGTCTTGCAGAAGCCCCAGTAA

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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006418 unedited GGATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGGCACCANAGAGAGGCCCG GCCTCTCATTTCTCCTAGCCCTTCTGTTCTTCTTGCCAAAGCTGCAGGGGATTTGGGGG ATGTGGGACCTCCAATCCCAGCCCCGGCTTCAGCTCTTCCAGGTGTTGACTCCAGCT CCAGCTTCAGCTCCAGCTCCAGGTCGGGCTCCAATCCAGCCGACGCTTAGGCAGCGGAG GTTCTGTGTCCCAGTTGTTTTCAATTTACCCGGCTCCGTGGATGACCGTGGGACCTGCC AGTGCTCTGTTTTCCCTGCCAGACACCACCTTTCCCGTGGACAGAGTGGAACGCTTGGAA TCACAGCTCATGTTCTTTCTCAGAAGTTTGAGAAAGAAGTTTCCAAAGTGAGGGAATATG TCCAATTAATTAGTGTGTATGAAAAGAACTGTTAAACCTAACTGTCCGAAATGACATCA TGGAGAAGGATACCATTCTTACACTGAACTGGACTTCGAGCTGATCAAGGTAGAAGTGA AGGAGATGGAAAACTGGTCATACAGCTGAAGGAGAGTTTTGGTGGAAAGCTCAGAAATTG TTGACCAGCTGGAGGTGGAGATAAGAAATATGACTCTTGGTAGAGAAGCTTGAGACAC TAGACANAACAATGTCCTTGCCATTGCCGAGAAATCGTGCCTCTGAAGACCAAAGCTG AAGAGTGTGAGGCCTCTAAGATCAAAACACCCCTGTCGTCCACCCTCTCCCACTCCAG GNAGCTGTGGTCATGGTGGGTGGTGAACATCAGCAAACCGTCTGTTGGTCAGCTCAAC TGGAGAGGGTTTTNCTACTATATGGGGCTGGNGTAAGGAGTACTCTCCAGCATCCAAC AAAGACTGTATTGGTGGCCCATGAAACAGAGGGAGACTGTTGAGGATATAGACTGACAA CCCTGGATGATG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_006418 unedited GGACGCGCCCGCATTTTAGGTCGAGTTTTTTTTTTTTTTTTTTTCAAAGCACATTTTATA TAGTTATTTTAAAAGGGGAGTAAAGCATTTAACTGCCAATCATATAGACTAGGACTTG AACATCAAAGGAAAAACAGACAAAGACTAGATGATAAAGTCATTCAAAGCACAGAAGCA CATCACATACACCAGCAAGGTTTCCAACACTGCACTGATTAAGTACTCTCAATAG CTCTTCTATAGCTCGTCTTATTTTAAAAAATTAATTTTCATTTTCTTACAAGTCCAGG CTTAAACAAAGGCAAAAATTACATGCAACAAGTATACACTCATAAGTTGCACATATGCT CCAAGGCTTTTATTAGATAACAATAAATGCTAGCACTTTGTCAGTCCATCAGATTTTCT TATAGTCTTAGAGTCATGTAATAAAAGTTCATAATGAAATTAAGAAAAATTAATTTTTC TAATCTTAGATCAGTCCATAGAAAATTAATTTTCTAAAGTAGGCAGTAAAAGGGG GTTGGTGGGGGTGGAAATTGCTCCCCNCNCCCNCCCTCCACTCCCCCCCCCTCCCCCT CCNCCCCCCTCTTNNCTTTTCTTCCCTCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTC CTTCTACCTTCTCCTCCCTTCTCCTTTCCCTTCCCTCCCTTCTCCCACTTCCCTCTC CCTAATCCCTCTCCCCCTCCTTCCCTCTCCCTCCNTTTTCCACCCCNCCACCCTTCCN NTTNNNTCCNCCCTCCTCCTCCTCCACTTCCCTCCTCCTCCCACTTNCCTCTCTCTCT CATTCCCTCCTCCTCCCCANTCCCCCTTCTCCTCCTCCTCCTCCTCCTCCTCCTCCT TATCCCTCCCCCTCCTCCCCCTTTTCTTCCCTTCTCCCTCCTCCCCCTCCCCCTCTCTCC TCCTCCTCCCCNTTCCCCCTCCCCCTCCTCCCCCTCCCCCT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_006418
Insert Size:	3000 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_006418.3](#), [NP_006409.3](#)

RefSeq Size: 2844 bp

RefSeq ORF: 1533 bp

Locus ID: 10562

UniProt ID: [Q6UX06](#)

Cytogenetics: 13q14.3

Domains: OLF

Protein Families: Druggable Genome

Gene Summary: This gene was originally cloned from human myeloblasts and found to be selectively expressed in inflammed colonic epithelium. This gene encodes a member of the olfactomedin family. The encoded protein is an antiapoptotic factor that promotes tumor growth and is an extracellular matrix glycoprotein that facilitates cell adhesion. [provided by RefSeq, Mar 2011]