

Product datasheet for **SC315907**

ODZ3 (TENM3) (NM_001080477) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ODZ3 (TENM3) (NM_001080477) Human Untagged Clone
Tag:	Tag Free
Symbol:	ODZ3
Synonyms:	MCOPCB9; MCOPS15; ODZ3; ten-3; Ten-m3; TEN3; TNM3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_001080477 edited
 ATGGATGTGAAAGAACGACAGGCCTTACTGCTCCCTGACCAAGAGCAGACGAGAGAAGGAA
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A
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Restriction Sites:	Please inquire
ACCN:	NM_001080477
Insert Size:	8500 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 clone has been fully sequenced and found two SNPs within the protein associated with this reference, NM_001080477.1. The two SNPs don't change amino acid.
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_001080477.1</u> , <u>NP_001073946.1</u>
RefSeq Size:	10810 bp
RefSeq ORF:	8100 bp
Locus ID:	55714
UniProt ID:	<u>Q9P273</u>
Cytogenetics:	4q34.3-q35.1
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	This gene encodes a large transmembrane protein that may be involved in the regulation of neuronal development. Mutation in this gene causes microphthalmia. [provided by RefSeq, Aug 2015]