

Product datasheet for RC229086

ODZ1 (TENM1) (NM_001163278) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ODZ1 (TENM1) (NM_001163278) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ODZ1
Synonyms:	ODZ1; ODZ3; ten-1; TEN-M1; TEN1; TNM; TNM1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC229086 representing NM_001163278 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >RC229086 representing NM_001163278
 Red=Cloning site Green=Tags(s)

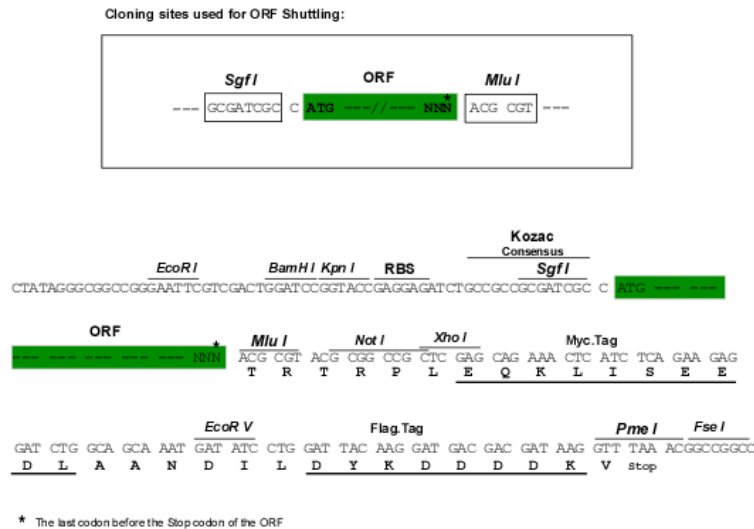
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RR
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Chromatograms: https://cdn.origene.com/chromatograms/mg4388_d10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001163278

ORF Size: 8196 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

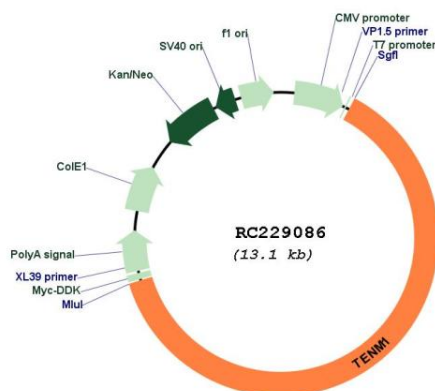
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001163278.1, NP_001156750.1</u>
RefSeq ORF:	8199 bp
Locus ID:	10178
UniProt ID:	<u>Q9UKZ4</u>
Cytogenetics:	Xq25
Protein Families:	Druggable Genome, Transmembrane
MW:	305.8 kDa
Gene Summary:	The protein encoded by this gene belongs to the tenascin family and teneurin subfamily. It is expressed in the neurons and may function as a cellular signal transducer. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

Product images:



Circular map for RC229086