

Product datasheet for **SC315366**

Tensin 3 (TNS3) (NM_022748) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tensin 3 (TNS3) (NM_022748) Human Untagged Clone
Tag:	Tag Free
Symbol:	Tensin 3
Synonyms:	TEM6; TENS1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_022748 edited

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 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:

Please inquire

ACCN:

NM_022748

Insert Size:

7300 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_022748.8.
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:	<u>NM_022748.8, NP_073585.8</u>
RefSeq Size:	5332 bp
RefSeq ORF:	4338 bp
Locus ID:	64759
UniProt ID:	<u>Q68CZ2</u>
Cytogenetics:	7p12.3
Protein Families:	Druggable Genome
Gene Summary:	May play a role in actin remodeling. Involved in the dissociation of the integrin-tensin-actin complex. EGF activates TNS4 and down-regulates TNS3 which results in capping the tail of ITGB1. Seems to be involved in mammary cell migration. May be involved in cell migration and bone development (By similarity).[UniProtKB/Swiss-Prot Function]