

Product datasheet for SC122792

Tropomodulin 4 (TMOD4) (NM_013353) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tropomodulin 4 (TMOD4) (NM_013353) Human Untagged Clone
Tag:	Tag Free
Symbol:	Tropomodulin 4
Synonyms:	SK-TMOD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_013353 edited AGAACAGACAGACCTACTGACACAGGGGAGGTGAGAAGGGAGGTGACCACCAGGACTGGC TCTGTGAGTACCACACAGTGGGGAGGGGTGGCGGCCACCATGTCATCATATCAGAAGGA ACTGGAGAAATACAGAGACATAGATGAAGATGAGATCCTAAGGACCTTGAGCCCCGAGGA GCTAGAGCAGCTGGACTGCGAACTACAGGAGATGGATCCTGAGAACATGCTCCTGCCAGC TGGACTAAGACAACGTGACCAGACAAAGAAGAGCCCAACGGGGCCACTGGACCGAGAAGC CCTTTTGAGTACTTGGAGCAACAGGCACTAGAAGTCAAAGAGCGTGATGACTTGGTGCC CTTACAGGCGAGAAGAAGGGGAAACCTATATTCAGCCCAAGAGGGAAATCCCAGCAGA GGAGCAGATCACCTGGAGCCTGAGCTGGAGGAGGCACTGGCACATGCCACAGATGCTGA AATGTGTGACATTGCAGCAATTCTGGACATGTACACACTGATGAGTAACAAGCAATACTA TGATGCCCTCTGCAGTGGAGAAATCTGCAACACTGAAGGCATTAGCAGTGTGGTACAGCC TGACAAGTATAAGCCAGTGCCGGATGAACCCCAATCCACAAACATTGAGGAGATACT AAAGAGGGTCCGAAGCAATGACAAGGAGCTGGAGGAGGTGAACCTGAATATATACAGGA CATCCCAATACCCATGCTAAGTGAGCTGTGTGAGGCAATGAAGGCAATACCTATGTGCG GAGCTTCAGTCTGGTAGCCACGAGGAGTGGTGACCCCATTGCCATGCAGTGGCTGACAT GTTGCGTGAGAATCGTAGCCTCCAGAGCCTAAACATCGAATCCAACCTTCATTAGCAGCAC AGGACTCATGGCTGTGCTGAAGGCAGTTCGGGAAAATGCCCACTCACTGAGCTCCGTGT AGACAATCAGCGCCAGTGGCCTGGTGATGCAGTGGAGATGGAGATGGCCACCGTGCTAGA GCAGCGTCCCTCTATTGTCCGCTTTGGCTACCACTTTACACAGCAGGGGCCACGAGCTCG GGCAGCCAGGCCATGACCCGAAACAATGAACACTACGTCGCCAGCAAAAGAAGAGATAACA CTGCATTTCCCTTTACCAACTAGCGCTGGGAGCACTGGACACTTAAATCCTCATCTGTCC TCCTTTCTGTAAATAAAAGCCCTTCTATCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3511_g02.zip

Restriction Sites: Please inquire

ACCN: NM_013353



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Insert Size:	1260 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:	<u>NM_013353.1</u> , <u>NP_037485.1</u>
RefSeq Size:	1235 bp
RefSeq ORF:	1038 bp
Locus ID:	29765
UniProt ID:	<u>Q9NZQ9</u>
Cytogenetics:	1q21.3
Gene Summary:	Blocks the elongation and depolymerization of the actin filaments at the pointed end. The Tmod/TM complex contributes to the formation of the short actin protofilament, which in turn defines the geometry of the membrane skeleton.[UniProtKB/Swiss-Prot Function]