

Product datasheet for **SC319135**

TM2D3 (NM_078474) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TM2D3 (NM_078474) Human Untagged Clone
Tag:	Tag Free
Symbol:	TM2D3
Synonyms:	BLP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_078474.2
AGATGGCGGGAGGGGTGCGCCCGCTGAGGGGCTCCGCGCCTTGTGTCGCGTGCTGCTCT
TCCTCTCGCAGTTCTGCATTCTGTCGGGCGGTGAGCAATCGCAGGCGCTGGCTCAGTCAA
TAAAGGATCCGGGCCAACACGCACATTACAGTAGTTCCAGGGCAGCAGAAAGTACTG
AAATCCCACCTTATGTGATGAAGTGTCCGAGCAATGGTTTGTGTAGCAGGCTTCCTGCAG
ACTGTATAGACTGCACAACAAATTTCTCCTGTACCTATGGGAAGCCTGTCACTTTTGACT
GTGCAGTGAACCATCTGTTACCTGTGTTGATCAAGACTTCAAATCCCAAAGAAGTTC
TCATTAACATGACTTGCAGATTTTGTGGCAGCTTCTGAAACAGATTACGAGTGTACCA
ACTCCACCAGCTGCATGACGGTGTCTGTCTCGGCAGCGCTACCCTGCCAAGTGCACGG
TGGGGACCACGTCCTGCTGGGTAACCGTACTTTCCAAAATGCTATATTGCAATT
GGACTGGAGGCTATAAGTGGTCTACGGCTCTGGCTCTAAGCATCACCTCGGTGGGTTTG
GAGCAGACCGTTTCTACCTGGGCCAGTGGCGGGAAGGCCTCGGCAAGCTTTCAGCTTCG
GTGGCCTGGGAATATGGACGCTGATAGACGTCCTGCTCATTGGAGTTGGCTATGTTGGAC
CAGCAGATGGCTCTTTGTACATTTAGCTGTGGTGTGTGCTTCAGAAAGGAGCAGGGCTTA
GAAAAAGCCCTTTTGTCCGTAGGAGTTGATGTGGTGTGAGTGATATTTCTATGTTTTT
AATGTACAGCATCTGACTTTGTTTGCCTGATAAAGGTAAGATAAATGAAACGCTGAAC
TATGCTAATCTGGAATTTGTTTTATTTGCCTGAAATATATTTTTTCTGTGAAAAAATT
AAAACGTACTTAAGCCAGGAGAATGAATTATACAGTGATTGAAAAATCCATTTAATTCCTA
TGACTTTTTGTTTGTATTGCCAAGTCAAACATACATCACTTGTATCTCCAGCCCAATGT
AGTCTGCCTTGAAAAGTCTTTCAGCTGTGACTGCAGGAAGTGGGAGTGTTTTTATTGTTA
GCTAATTGCTGTGACTGCAGGAAGTGGGAGTGTCTGTTGTTGGCTAATTGAAGTTATT
AGGCTCAGCTTCACTCATGTGTAAGTTTTGCAGTGAATACATATGATGCTGGTCTGTA
TATATGAAAAATTTGAATTAACGTCAGAAATGTTTATGTCTAGTTATGGTTTAAATTTTCT
TAGTAGTATATAAAAGGTAAGAGTACTGAAAAATTAATAAAATTTGCAAGTTAAGAAAAA
AAAAAAAAAAAA

Restriction Sites: Please inquire



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ACCN:	NM_078474
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 TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_078474.2</u> , <u>NP_510883.2</u>
RefSeq Size:	1421 bp
RefSeq ORF:	744 bp
Locus ID:	80213
UniProt ID:	<u>Q9BRN9</u>
Cytogenetics:	15q26.3
Domains:	TM2
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>The protein encoded by this gene contains a structural module related to that of the seven transmembrane domain G protein-coupled receptor superfamily. This protein has sequence and structural similarities to the beta-amyloid binding protein (BBP), but, unlike BBP, it does not regulate a response to beta-amyloid peptide. This protein may have regulatory roles in cell death or proliferation signal cascades. Several alternatively spliced transcript variants of this gene are described but the full length nature of some variants has not been determined. Multiple polyadenylation sites have been found in this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) encodes the full length isoform.</p>