

Product datasheet for **SC334772**

TOMM40L (NM_001286374) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TOMM40L (NM_001286374) Human Untagged Clone
Tag:	Tag Free
Symbol:	TOMM40L
Synonyms:	TOMM40B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001286374, the custom clone sequence may differ by one or more nucleotides

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ATGGGGAACACATTGGGCTGGCACCAATGGGGACTTTGCCCGCCGGAGCCCCGCCGAGAGGAACCCC  
TGCCCAACCCTGGGAGCTTCGATGAGCTGCACCGTCTATGCAAAGATGTATCCACGACAGATGGAGGG  
AGTGAAGCTCGTTGTCAACAAGTTCTGAGCAGCCATTCCAGACGCAGCAGGCCAAGTTCCTGACATGG  
CAGTTTGTGCGGAGTATCGGGGAGATGACTACACAGCCACTCTGACCCTAGGAAATCCTGACCTGATTG  
GGGAGTCGGTGATCATGGTTGCTCACTTCTGCAGAGCCTCACTCATCGGCTGGTGTGGGAGGAGAGCT  
AGTTTATCACCGCGGCCAGGCGAAGAGGGGGCCATCTTGACACTGGCTGGGAAGTACTCGGCTGTACAC  
TGGGTAGCTACATTGAATGTGGGATCAGGCGGGGCCATGCAAGTTACTACCACAGGCAATGAACAGG  
TTCAGGTTGGAGTGGAGTTTGGGCAAACAAGGCTACAAGACACAACATTCTCCTTTGGTTACCACCT  
GACTCTGCCCCAGGCCAACATGGTATTTAGAGGCTTGGTGGATAGTAACTGGTGTGTAGGTGCTGTGCTG  
GAGAAGAAGATGCCCCCTCTGCCTGTCCACCTAGCCCTTGGAGCCTTCTCAATCACTGGCGCAACAGAT  
TCCATTGTGGCTTCAGCATCACTGTGGGCTGA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001286374
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).



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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_001286374.1</u> , <u>NP_001273303.1</u>
RefSeq Size:	2732 bp
RefSeq ORF:	732 bp
Locus ID:	84134
Cytogenetics:	1q23.3
Protein Families:	Druggable Genome, Ion Channels: Other
Protein Pathways:	Amyotrophic lateral sclerosis (ALS)
Gene Summary:	<p>Potential channel-forming protein implicated in import of protein precursors into mitochondria.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks two in-frame exons in the central coding region compared to variant 1. The encoded isoform (3) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>