

Product datasheet for **SC106147**

TOMM40L (NM_032174) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TOMM40L (NM_032174) Human Untagged Clone
Tag:	Tag Free
Symbol:	TOMM40L
Synonyms:	TOMM40B
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032174, the custom clone sequence may differ by one or more nucleotides

```
ATGGGGAACACATTGGGCCTGGCACCAATGGGGACTTTGCCCGCCGGAGCCCCGCCGAGAGGAACCCC
TGCCCAACCCTGGGAGCTTCGATGAGCTGCACCGTCTATGCAAAGATGTATCCAGCACAGATGGAGGG
AGTGAAGCTCGTTGTCAACAAGTTCTGAGCAGCCATTTCCAGGTGGCGCACACTATACACATGAGTGCC
CTGGGCTTGCCGGGATATCACCTCCATGCGGCCTATGCAGGGATTGGCAGCTCAGTCCCCTGAGGTGT
TCCCCACTGTGGTAGGGGATATGGACAGCAGTGGCAGCCTGAACGCCAGGTCTTGCTCCTTTGGCAGA
GCGGCTCCGAGCTAAGGCTGTCTTCCAGACGCAGCAGGCCAAGTTCCCTGACATGGCAGTTTGATGGCGAG
TATCGGGGAGATGACTACACAGCCACTCTGACCCTAGGAAATCCTGACCTGATTGGGGAGTCGGTGATCA
TGGTTGCTCACTTCTGCAGAGCCTCACTCATCGGCTGGTGTGGGAGGAGAGCTAGTTTATCACCGGCG
GCCAGGCGAAGAGGGGGCCATCTTGACACTGGCTGGGAAGTACTCGGCTGTACACTGGGTAGCTACATTG
AATGTGGGATCAGGCGGGGCCATGCAAGTTACTACCACAGGGCAAATGAACAGGTTTCAGGTTGGAGTGG
AGTTTGAGGCAAACACAAGGCTACAAGACACAACATTCTCCTTTGGTTACCACCTGACTCTGCCCCAGGC
CAACATGGTATTTAGAGGCTTGGTGGATAGTAAGTGGTGTAGGTGCTGTGCTGGAGAAGAAGATGCC
CCTCTGCCTGTCACCCTAGCCCTTGGAGCCTTCTCAATCACTGGCGCAACAGATTCCATTGTGGCTTCA
GCATCACTGTGGGCTGA
```



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_032174 unedited</p> <pre>GGAAGTTTCTGAGGCTGGGGAGCCGGATAATGGGGGTGGGGCCCGTTGGGGGTAAAGG GGCAATAGCGTCTTTTACAGGCTAACCTCGGCTCTTCCCAGTCTCTGGACTAAATGG GGAACACATTGGGCTGGCACCAATGGGGACTTGGCCCGCCGGAGCCCCCGCCGAGAGG AACCCCTGCCAACCTGGGAGCTTCGATGAGCTGCACCGTCTATGCAAAGATGTATTCC CAGCACAGATGGAGGGAGTGAAGCTCGTTGTCAACAAAGTTCTGAGCAGCCATTTCCAGG TGGCGCACACTATACACATGAGTGCCCTGGGCTTGGCCGGATATCACCTCCATGCGGCCT ATGCAGGGGATTGGCAGCTCAGTCCCAGTGGGTGTTCCCAGTGTGGTANGGGATATGG ACAGCAGTGCCAGCCTGAACGCCAGGTCTTGCTCCTCTTGGCAGAGCGGCTCCGAGCTA AGGCTGTCTTCCAGACGCAGCAGGCCAAGTTCTGACATGGCAGTTTGTATGGCGAGTATC GGCGAGATGACTACACAGCCACTCTGACCCCTAGAAATCCTGACCTGGATTGGGAGTCGG TGATCATGTTGCTCACTTTCTGCAGAGCCTCACTCATCGGCTTGGTGTGNGGAGGAGA GCTAATTTATTCACCGCGGNCANGCGAAGAGGGGGCCATCTTGAACCTGGCTGGAATA CTCGGCTGACACTGGGTACCTCCTTGGATGTGGGATCGGCGGGGCAATGTCAGTACTAC CACAGGAATTGAACAGTTCAGTTTGGAGTGGAT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_032174 unedited</p> <pre>CCCCGNNAATCCTGAACCGCGNCCGATTCTANGATCGATTTTTTTTTTTTACTTTTT TTTTTTTTTTTTTTTTATCCAGGACAGATGCAAAGTAGTAGCTCAGAAGGCTCTGGGT AATAGCATTCTGAGATTGATGACATCCATTACCTCACTAGTCCAACCTTCTCCAGACTAA CGCAGACTTTTCTTCCCTTGGCCTTTCTCTCCTCGCCATTGGGCCAATTCTTTCGAT TTCTCATTTCCCTTGAAGTTAGGGCCATTACAGTTTCATGGCCAAAAGCCGGTCCCGGT TCAAAAAGCCTGGGATTTAACCCACGCTCTGAGGTATGCCCGTTTTTGTTCGCTCGTTC CCCCAAAACCCCTTGGCCAAAGGGGCTGCCTCCTCCCTTCCCCCACCCTCCCTT CCGTACCCCGCCTCAAGGTGCGGATCAGGCCCTCGCCCTCCCGCTCCTCCCTCCCTC ATTCGCCTCGCACCCCTTCCCGCAGTCCCGCCCCCCTCATCATCAGCACCCCTCGC TGTGCTTCCCCCTCCCGCTCGCCTTATCCCCCGCCGCTCCCTCCCCCACCCTCC CCCTCAGCTCGTTCGGCCCGTCCCCCGACCGCCCGACGACCCGCCCGCCCTCCGT CTCCCCCACCCTCCCTGCATGCGTCCCTTCCCTGCCACTCCCTCCCCCGTCTTAC CACTCCTCCCTCCGCGCCTCTCCCGCCACTCGATCCCCCCTCGCTCTTCGGAGTCTC GCTCTTCATCGCGCCCCCACCAGACTCATCCAGTCCCGCGCATTTCTCCACACCCCCAC GCTCTCCACGCTATTCACCGCCCGCCGACCCATCTCATTTCCCTCCTCCCGCCCTCT TGTTTATTCTTGAGACCAACCCCTCCCCCGCCCGCCTCTTATCCTCCTCACCGCT CCCCACCTAACTCAACGATCTCCGATTA</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_032174
Insert Size:	2800 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:	<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:	NM_032174.3 , NP_115550.2
RefSeq Size:	2927 bp
RefSeq ORF:	927 bp
Locus ID:	84134
UniProt ID:	Q969M1
Cytogenetics:	1q23.3
Domains:	Euk_porin
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 (1) represents the longest transcript and encodes the longer 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>