

Product datasheet for **RC236878**

TOMM40L (NM_001286374) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TOMM40L (NM_001286374) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TOMM40L
Synonyms: TOMM40B
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC236878 representing NM_001286374
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGAACACATTGGGCTGGCACCATGGGGACTTTGCCCGCCGGAGCCCCCGCGAGAGGAACCC
TGCCCAACCCTGGGAGCTTCGATGAGCTGCACCGTCTATGCAAAGATGTATCCAGCACAGATGGAGGG
AGTGAAGCTCGTTGTCAACAAGTTCTGAGCAGCCATTTCCAGACGCAGCAGGCCAAGTTCCTGACATGG
CAGTTTGTGGCAGATACGGGGAGATGACTACACAGCCACTCTGACCCTAGGAAATCCTGACCTGATTG
GGGAGTCGGTGATCATGTTGCTCACTTCTGCAGAGCCTCACTCATCGGCTGGTGTGGAGGAGAGCT
AGTTTATACCGGCGGCCAGGCGAAGAGGGGGCCATCTTGACACTGGCTGGGAAGTACTCGGCTGTACAC
TGGGTAGCTACATTGAATGTGGGATCAGGCGGGGCCATGCAAGTACTACCACAGGCAATGAACAGG
TTCAGTTGGAGTGGAGTTTGGGCAAACACAAGGCTACAAGACACAACATTCTCCTTTGGTTACCACCT
GACTCTGCCCCAGGCCAACATGGTATTTAGAGGCTTGGTGGATAGTAAGTGGTGTAGGTGCTGTGCTG
GAGAAGAAGATGCCCCCTCTGCCTGTACCCTAGCCCTGGAGCCTTCTCAATCACTGGCGCAACAGAT
TCCATTGTGGCTTCAGCATCACTGTGGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001286374.2
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)
MW:	27.4 kDa
Gene Summary:	Potential channel-forming protein implicated in import of protein precursors into mitochondria.[UniProtKB/Swiss-Prot Function]