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Product datasheet for SC113263

TOMM7 (NM_019059) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TOMM7 (NM_019059) Human Untagged Clone
Tag:	Tag Free
Symbol:	TOMM7
Synonyms:	TOM7
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113263 sequence for NM_019059 edited (data generated by NextGen Sequencing) ATGGTGAAGCTGAGCAAAGAGGCCAAGCAGAGACTACAGCAGCTCTTCAAGGGGAGCCAG TTTGCCATTCGCTGGGGCTTTATCCCTCTTGTGATTTACCTGGGATTTAAGAGGGGTGCA GATCCCGGAATGCCTGAACCAACTGTTTTGAGCCTACTTTGGGGATAA Clone variation with respect to NM_019059.2
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_019059 unedited AATCCCCAATTGTAAAGATTCATATAGGCGGCCGCGAAATCGGCACGAGGCCGTGTGTGG CGCCTGCGCACCTCCTTTCCCTTTCGGATTCCCGACGCTGTGGTTGCTGTAAGGGGTCCT CCCTGCGCCACACGGCCGTCGCCATGGTGAAGCTGAGCAAAGAGGCCAAGCAGAGACTAC AGCAGCATCTTCAAGGGGAGCCAGTTTGCCATTCGCTGGGGCTTTATCCCTCTTGTGATT TACCTGGGATTTAAGAGGGGTGCAGATCCCGGAATGCCTGAACCAACTGTTTTGAGCCTA CTTTGGGGATAAAGGATTATTTGGTCTTCTGGATTTGGAGGCAATCAGCGGACAGCATGG AAGATGTGTGCTCTGGCTCGGATAAGAGATGGGACATCATTCAGTCACTAGTTGGATGGC ACAAGGCTCTTCACAGACGCATCTGTAGCAGAGTGGAACTTGTACTAACTTATGATAGAA TGTATCAGAATAAATGTTTTTAACAGTGTAAAAAAAAAAAAAAAAAAACTCGACTCTAGAT TGCGGCCGCGGTCATAGCTGTTTCCTGAACAGATCCCGGGTGGCATCCCTGTGACCCCTC CCCAGTGCCTCTCCTGGCCCTGGAAGTTGCCACTCCAGTGCCCACCAGCCTTGTCCTAAT AAAATTAAGTTGCATCATTTTGTCTGACTAGGTGTCCTTCTATAATATTATGGGGTGGAG GGGGGTGGTATGGAGCAGGCGCCAGTTGGGCAGACCACCTGTCAGGCCTGCGGGGTCTAT TGGGCACCAAGCTGGAGTGCAGTGGCACAATCTTGGCTCCCTGCAATCTCCCCCTCCCTG GTTCAAGCGATTCTCCTGCCTCACCTCCCCGAGTGTTGGGAATTCAGCCATGCTTGACCA GCCTCACTAAATT

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3' Read Nucleotide Sequence:

>OriGene 3' read for NM_019059 unedited
NTTAGCTTTGGACCCGCGGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTACACT
GTTAAAAACATTTATTCTGATACATTCTATCATAAGTTAGTACAAGTTCCACTCTGCTAC
AGATGCGTCTGTGAAGAGCCTTGTGCCATCCAACTAGTGACTGAATGATGTCCCATCTCT
TATCCGAGCCAGAGCACACATCTTCCATGCTGTCCGCTGATTGCCTCCAAATCCAGAAGA
CCAAATAATCCTTTATCCCCAAAGTAGGCTCAAAACAGTTGGTTCAGGCATTCCGGGATC
TGCACCCCTCTTAAATCCCAGGTAAATCACAAGAGGGATAAAGCCCCAGCGAATGGCAAA
CTGGCTCCCCTTGAAGAGCTGCTGTAGTCTCTGCTTGGCCTCTTTGCTCAGCTTCACCAT
GGCGACGGCCGTGTGGCGCAGGGAGGACCCCTTACAGCAACCACAGCGTCGGGAATCCGA
AAGGGAAAGGAGGTGCGCAGGCGCCACACACGGCCCTCGTGCCGAATTCGCGGCCGCCCT
ATAGTGAGTCGTATTACAAAATTCTGACGGTTCACTAAACGAGCTCTGCTTATATAGACC
TCCCACCGTACACGCCTACCGCCCATTTGCGTCAACGGGGCGGGGTTATTACGACATTTT
GGAAAGTCCCGTTGATTTTGGTGCCAAAACAAACTCCCATTGACGTCAATGGGGTGGAGA
CTGGGAAAATCCCGTGAGTCAAACCGCTATCCACGCCATTGGTGTACTGCCAAAACCGCA
TCACCATGGTAATAGCGATGACTAATCCGTAAATGTACTGCCAAGTAAGAAAGTCCCGTA
GGCCATGTACTGGGCATTATGCCAGGCGGGCCATTTACCGCCATGACGTCAATAGGGGGC
CGACTTGCCATATGATACACTTGATGTACTGCCAAGTGGCC

Restriction Sites: NotI-NotI

ACCN: NM_019059

Insert Size: 450 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: NM_019059.2, NP_061932.1

RefSeq Size: 746 bp

RefSeq ORF: 168 bp

Locus ID: 54543

UniProt ID: Q9P0U1

Cytogenetics: 7p15.3

Protein Families: Transmembrane

Gene Summary: This gene encodes a subunit of the translocase of the outer mitochondrial membrane. The encoded protein regulates the assembly and stability of the translocase complex. [provided by RefSeq, Oct 2012]