

Product datasheet for **RR200713**

Tomm20 (NM_152935) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tomm20 (NM_152935) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tomm20
Synonyms: MGC93136
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR200713 representing NM_152935
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGTGGCGCGAACAGCGCCATCGCCGCGGGGCTGTGCGGTGCCCTTTCATAGGGTACTGCATCTACT
TTGACCGCAAAGCGAGGTGACCCCACTTCAAGAACAGGCTTCGAGAACGAAGAAAGAAACAGAAGCT
TGCTAAGGAGAGAGCTGGGCTTCCAAGTTACCTGATTTAAAAGATGCTGAAGCTGTTTCAGAAATCTTC
CTTGAAGAGATACAGCTTGGTGAAGAGTTATTAGCACAAGGTGACTATGAGAAGGGTGTGGACCACTGA
CAAATGCAATCGCTGTGTGGACAGCCTCAGCAGTTGCTGCAAGTGTACAACAGACTCTCCACCACC
AGTGTTCAGATGCTTCTGACCAAGCTTCCAACCATTAGTCAGAGAATTGTCAGTGCTCAGAGCTTGGCT
GAGGATGATGTGGAA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR200713 representing NM_152935
Red=Cloning site Green=Tags(s)
MVGRNSAIAAGLCGALFIGYCIYFDRKRRGDPNFKNRLRERRKKQKLAKERAGLSKLPDLKDAEAVQKFF
LEEIQLGEELLAQGDYKGVVDHLTNAIIVCGQPQQLQVLQQLPPPVFQMLLTKLPTISQRIVSAQSLA
EDDVE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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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_152935.1</u> , <u>NP_690918.1</u>
RefSeq Size:	976 bp
RefSeq ORF:	438 bp
Locus ID:	266601
UniProt ID:	<u>Q62760</u>
Cytogenetics:	19q12
MW:	16.3 kDa
Gene Summary:	human homolog is a mitochondrial import receptor; may have chaperone activity [RGD, Feb 2006]