

Product datasheet for MC213209

Tarm1 (NM_177363) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tarm1 (NM_177363) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tarm1
Synonyms:	9930022N03Rik; ENSMUSG00000053338; Gm9904; OLT-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC213209 representing NM_177363 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATCTCTAGGCTCCTTTCCCTTCTCTGCCTCCGGCTGTGTGTTGGGCAAACAGACATTCCTGAAAATG
GGTCTCCTCCCAAGCCCAGCCTCAGTGCCTGGCCAGCACAGTGCCTCCACCAAGAGCCACGTGACAAT
GCAATGTAAGAGCCCCACCCGAGTAAATACTTCATCCTCAAAAAGGAAGTTTCGCTTTGAATTCTGTG
AAGCCATAAATTTGACAGAGGAGACGGCTGATTTTCATTTACCGACCTACGACAGAATGATGGCGGAC
ACTACACCTGTGAATACTATAGCAAATGGCCCCATGACACACCGTCACACCCAGCAATGCCCTTTTCTT
GTTGGTCACAGGGTACTTACCTCAGCCCTCCTTTCAAGCCACCACCGGGGTACAGTGACTGCAGGAAGC
AAGGTGACTTTGCAGTGCCAGAAAGCAGGCAGTGTCTCGGACCCGTAAGTTTTCGTTACTGAAGTGG
GACACTCAACTCCTGTGCAGACAAGGAGCTCAACAGGAATGGTATCAGACTTCTCTTTCAGAATGTGAC
AGCCAGAGACTCGGGGAATACAGCTGTGTTTACTATCAGGCAAAGGCTCCCTATCGGGCCTCAGGGCCC
AGCAATCTCCTTGAGATCTCTGTGATAGACAACCATCTGCCTCAAGATCTTGCTGCCTCGACTTTCCAC
CGCAACTGACAGCAACCTCACCAAGACCCCGGTACAATGACAGAAGGCTACACTGTGGATAATCTCAT
CCGGGTCGGTGTGGCTGCTGCAATCCTGCTAATAGTGGGAGGCTTCTGGTTGAAGCCTGGCACAGTGAG
CGGCTGTCTCAAATAAACCTGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_177363
Insert Size:	867 bp



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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_177363.3 , NP_796337.1
RefSeq Size:	957 bp
RefSeq ORF:	867 bp
Locus ID:	245126
UniProt ID:	B6A8R8
Cytogenetics:	7 A1
Gene Summary:	May act as receptor. Negatively regulates TCR-mediated CD4(+) T cell proliferation and activation, possibly by binding an unknown ligand on the T cell surface. Enhances Toll-like receptor-mediated production of pro-inflammatory cytokines by macrophages and neutrophils.[UniProtKB/Swiss-Prot Function]