

Product datasheet for SC325690

TARM1 (NM_001135686) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TARM1 (NM_001135686) Human Untagged Clone
Tag:	Tag Free
Symbol:	TARM1
Synonyms:	OLT-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325690 representing NM_001135686. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGATCCCTAAGCTGCTTTCCCTCCTCTGTTTCAGACTGTGCGTGGGCCAAGGAGACACAAGGGGAGAT
 GGGTCACTGCCAAGCCGTCCCTCAGTGCCTGGCCAGCTCGGTGGTCCCTGCCAACAGCAATGTGACG
 CTGCGATGTTGGACTCCTGCCAGAGGTGTGAGCTTTGTTCTCAGGAAGGGAGGAATTATTCTGGAGTCC
 CCGAAGCCCTTGATTCTACAGAGGGCGCGGCCGAATTTACCTCAATAATCTAAAAGTCAGAAATGCT
 GGAGAGTACACCTGTGAATACTACAGAAAAGCATCCCCCACATCCTTTCACAGCACAGTGACGTCCTT
 CTACTGTTGGTGACAGGACATTTATCTAAACCTTTCCTCCGAACCTACCAAAGGGGTACAGTGACCGCA
 GGTGGAAGGGTGACTCTGCAGTGCCAGAAGCGAGACCAATTGTTTGTGCCTATCATGTTCTGCTCTACTG
 AAGGCAGGGACGCCATCACCATCCAGCTGCAGAGTCCAGCGGGGAAGGAGATAGACTTCTCTCTGGTG
 GACGTGACAGCCGGCGATGCTGGGAACACAGCTGCATGTACTACCAGACAAAGTCTCCCTTCTGGGCC
 TCAGAACCAGTGATCAGCTTGAGATATTGGTGACAGTTCCTCCAGGTACCATCGAGCAACTACTCC
 CTGGGTAACCTTCGTACGACTGGGTCTGGCTGCCGTAATTGTGGTTATCATGGGAGCTTCTCGGTGGAG
 GCCTGGTACAGCCGGAATGTGTCTCCAGGTGAATCAGAGGCCTTCAAACCAGATGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001135686
Insert Size:	816 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001135686.2</u>
RefSeq Size:	897 bp
RefSeq ORF:	816 bp
Locus ID:	441864
UniProt ID:	<u>B6A8C7</u>
Cytogenetics:	19q13.42
MW:	29.5 kDa
Gene Summary:	May act as receptor (By similarity). Negatively regulates TCR-mediated CD4(+) T cell proliferation and activation, possibly by binding an unknown ligand on the T cell surface (PubMed:26311901). Enhances Toll-like receptor-mediated production of pro-inflammatory cytokines by macrophages and neutrophils (By similarity).[UniProtKB/Swiss-Prot Function]