

Product datasheet for SC326915

TIM 4 (TIMD4) (NM_001146726) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TIM 4 (TIMD4) (NM_001146726) Human Untagged Clone
Tag:	Tag Free
Symbol:	TIM 4
Synonyms:	SMUCKLER; TIM4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC326915 representing NM_001146726. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGTCCAAAGAACCTCTCATTCTCTGGCTGATGATTGAGTTTTGGTGGCTTTACCTGACACCACTCACT
 TCAGAGACTGTTGTGACGGAGGTTTTGGGTACCGGGTGACTTTGCCCTGTCTGTAATCATCCTGGTCT
 CACAACAGCAACAGCATGTGCTGGGGGAAAGACCACTGCCCTACTCCGGTTGCAAGGAGGCGCTCATC
 CGCACTGATGGAATGAGGGTGACCTCAAGAAAGTCAGCAAAATATAGACTTCAGGGGACTATCCCGAGA
 GGTGATGTCTCCTTGACCATCTTAAACCCAGTGAAAGTGACAGCGGTGTGTACTGCTGCCGCATAGAA
 GTGCCTGGCTGGTTCAACGATGTAAAGATAAACGTGCGCCTGAATCTACAGAGAGCCTCAACAACCAAG
 CACAGAACAGCAACCAACCAACACGACGAGCAACAACAACAAGCCCAACCAACCAACCAACCAACCA
 ACAACCCAGCTGCACTTCCAACAACAGTCGTGACCACACCCGATCTCACAACCGGAACCACTCCAG
 ATGACAACCAATTGCCGTCTTCAACAACGAAACACGTGCCTTTCACTAACCCCAAGCACCTTCCGGAG
 GAAGCCACAGGTCTTCTGACTCCCGAGCCTTCTAAGGAAGGGCCATCCTCACTGCAGAATCAGAAACT
 GTCCTCCCAAGTATTCTGGAGTAGTGTGAGTCTACTTCTGCTGACACTGTCTGTGACATCCAAA
 GCATCTGATACAGCAGTTCCTGAGCAGAAACAAACAAACAAACAGGACAGATGGATGGAATACCATG
 TCAATGAAGAATGAAATGCCATCTCCCACTACTGATGATCATCGCCCCCTCCTGGGATTGTGCTC
 TTCGATTGTTTGTGGGTTTTCTCTGAGAGGGAACCTCATGGAACCTATTGTTGCGAGAAACACACA
 AGGCTAGACTACATTGGAGATAGTAAAAATGTCTCAATGACGTGCAGCATGGAAGGGAAGACGAAGAC
 GGCCTTTTACCCTC**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001146726


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Insert Size:	1053 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).
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:	<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_001146726.1</u>
RefSeq Size:	1290 bp
RefSeq ORF:	1053 bp
Locus ID:	91937
UniProt ID:	<u>Q96H15</u>
Cytogenetics:	5q33.3
Protein Families:	Druggable Genome, Transmembrane
MW:	38.5 kDa
Gene Summary:	<p>Phosphatidylserine receptor that enhances the engulfment of apoptotic cells. Involved in regulating T-cell proliferation and lymphotoxin signaling. Ligand for HAVCR1/TIMD1 (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an exon in the coding region compared to variant 1. The encoded isoform (2) is shorter compared to isoform 1.</p>