

Product datasheet for **SC123131**

TIM 4 (TIMD4) (NM_138379) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TIM 4 (TIMD4) (NM_138379) Human Untagged Clone
Tag: Tag Free
Symbol: TIM 4
Synonyms: SMUCKLER; TIM4
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_138379 edited
ATAAGAGGTTGGGCTTTGGATAGATAGACAGACTCCTGGGTCCGGTCAACCGTCAAATG
TCCAAAGAACCTCTCATTCTCTGGCTGATGATTGAGTTTTGGTGGCTTTACCTGACACCA
GTCACTTCAGAGACTGTTGTGACGGAGGTTTTGGGTACCGGGTACTTTGCCCTGTCTG
TACTCATCCTGGTCTCACAACAGCAACAGCATGTGCTGGGGGAAAAGACCAGTGCCCTAC
TCCGGTTGCAAGGAGGCGCTCATCCGACTGATGGAATGAGGGTGACCTCAAGAAAGTCA
GCAAAATATAGACTTCAGGGGACTATCCCGAGAGGTGATGTCTCCTTGACCATCTAAAC
CCCAGTAAAAGTGACAGCGGTGTGTACTGCTGCCGCATAGAAGTGCCTGGCTGGTTCAAC
GATGTAAGATAAACGTGCGCCTGAATCTACAGAGAGCCTCAACAACCACGCACAGAACA
GCAACCACCACCACGCAGAACAACAACAAGCCCCACCACCACCCGACAAATGACA
ACAACCCAGCTGCACTTCCAACAACAGTCGTGACCACACCCGATCTACAACCGGAACA
CCACTCCAGATGACAACATTGCCGTCTTCAACAAGCAAAACACGTGCCTTTCACTAAC
CCAAGCACCTTCCGGAGGAAGCCACAGGTCTTCTGACTCCCGAGCCTTTAAGGAAGGG
CCCATCCTCACTGCAGAAATCAGAAACTGTCTCCCGAGTGATTCTCGAGTAGTGCTGAG
TCTACTTCTGCTGACTGTCTCTGATCCTCAAGAGTCCAAAGTTTGGGATCTCCCA
TCAACATCCACGTGCAATGTGGAAAACGAGTGATTCTGTGCTTCTCCTCAGCCTGGA
GCATCTGATACAGCAGTTCCTGAGCAGAACAAAACAACAAAACAGGACAGATGGATGGA
ATACCATGTCAATGAAGAATGAAATGCCATCTCCCACTACTGATGATCATCGCCCCC
TCCTTGGGATTTGTGCTCTTTCGATTGTTTGGCGTTTTCTCCTGAGAGGGAACATCATG
GAAACCTATTGTTTCGAGAAACACAAAGGCTAGACTACATTGGAGATAGTAAAAATGTC
CTCAATGACGTGCAGCATGGAAGGGAAGACGAAGACGGCCTTTTTACCCTCTAACACGC
AGTAGCATGTTAGATTGAGGATGGGGCATGACTCCAGTGCAAAAATAAGTCTTAGTA
GATTTCTTGTTCATAAAAAAGACTCACTTAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_138379 unedited NGGTTAGCATTGTATACGACTTATATAGGCGGCCGCGNATTCCTCCGGGATATCGTCGACC CACGCGTCCGATAAAGAGGTTGGGCTTTGGATAGATAGACAGACTCCTGGGTCCGGTCAAC CGTCAAATGTCCAAAGAACCTCTCATTCTCTGGCTGATGATTGAGTTTTGGTGGCTTTA CCTGACACCAGTCACTTCAGAGACTGTTGTGACGGAGTTTTGGGTCACCGGGTGACTTT GCCCTGTCTGTACTCATCTGGTCTCACAAACAGCAACAGCATGTGCTGGGGAAAGACCA GTGCCCTACTCCGTTGCAAGGAGCGCTCATCCGCACTGATGGAATGAGGGTGACCTC AAGAAAGTCAGCAAAATATAGACTTCAGGGGACTATCCCGAGAGGTGATGTCTCCTTGAC CATCTTAAACCCAGTGAAGTGACAGCGGTGTGTACTGCTGCCGCATAGAAGTGCTCGG CTGTTCAACGATGTAAGATAAACGTGCGCCTGAATCTACAGAGAGCCTCAACAACCAC GCACAGAACAGCAACCACCACACGCAGAACAACAACAAGCCCCACCACCACCCG ACAAATGACAACAACCCAGCTGCACTTCCAACAACAGTCGTGACCACACCCGATCTCAC AACCGGAACACCACTCCAGATGACAACCATTGCCGTCTTACAACAGCAAACACGTGCCT TTCCTAACCCCAAGCACCTTTCCGGAGAAGCCACAGGTCTTCTGACTCCCGAGCCTTC TAAGGAAGGGCCATCCTCACTGAGAATCAGAACTGTCTCCCAAGTATTCTCTGGAG TAGTGCTGAGTCTACTTCTGCTGACACTGTCTGCTGACATCAAAGATCAAAGTTTGG GATCTCCCATCAN
Restriction Sites:	Please inquire
ACCN:	NM_138379
Insert Size:	1300 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:	A TrueClone.
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_138379.1 , NP_612388.1
RefSeq Size:	1306 bp
RefSeq ORF:	1137 bp
Locus ID:	91937
UniProt ID:	Q96H15
Cytogenetics:	5q33.3
Protein Families:	Druggable Genome, Transmembrane

Gene Summary:

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]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).