

Product datasheet for **SC333626**

VSTM1 (NM_001288793) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VSTM1 (NM_001288793) Human Untagged Clone
Tag:	Tag Free
Symbol:	VSTM1
Synonyms:	SIRL-1; SIRL1; UNQ3033
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333626 representing NM_001288793. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACCGCAGAATTCCTCTCCCTGCTTTGCCTCGACACCAGAACCATCTTTGTCGCCATCTTCAGCTGC
ATCTCCATCCTTCTCCTCTCCTCTCAGTCTTCATCATCTACAGATGCAGCCAGCACAGTTCATCATCT
GAGGAATCCACCAAGAGAACCAGCCATTCCAAACTTCCGGAGCAGGAGGCTGCCGAGGCAGATTTATCC
AATATGGAAGGGTATCTCTCTCGACGGCAGACCCCAAGGAGTGACCTATGCTGAGCTAAGCACCAGC
GCCCTGTCTGAGGAGCTTCAGACACCACCCAGGAGCCCCAGGATCTCATGAATATCGGCCTACTGAA
GTGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001288793
Insert Size:	351 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).
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).



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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_001288793.1</u>
RefSeq Size:	674 bp
RefSeq ORF:	351 bp
Locus ID:	284415
UniProt ID:	<u>Q6UX27</u>
Cytogenetics:	19q13.42
Protein Families:	Transmembrane
MW:	12.6 kDa
Gene Summary:	<p>Isoform 2: Behaves as a cytokine, promoting IL17A secretion by CD4+ T-cells, and differentiation and activation of IL17 producing helper T-cells (TH17).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) lacks three consecutive exons in the central coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (4) is shorter, compared to isoform 1.</p>