

Product datasheet for **SC333961**

VSTM1 (NM_001288791) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VSTM1 (NM_001288791) 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:	>SC333961 representing NM_001288791. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAGAAAAAGAATGGGTCCCACTCGGTTGCCAGGCTGGAGTGCAGTGGTGAATCACAGCTCACTGC
AGCCTTGACCTCCAGGCCAGATAAACACGATGAACTGAAGCTCCCTCAATGAAAACAGACACCCAGA
ACCATCTTTGCGCCATCTTCAGCTGCATCTCCATCCTTCTCTCTCTCAGTCTTCATCATCTAC
AGATGCAGCCAGCACAGTTCATCATCTGAGGAATCCACCAAGAGAACCAGCCATTCAAACTTCCGGAG
CAGGAGGCTGCCAGGCAGATTTATCCAATATGAAAAGGGTATCTCTCGACGGCAGACCCCAAGGA
GTGACCTATGCTGAGCTAAGCACCAGCGCCTGTCTGAGGCAGCTTCAGACACCACCCAGGAGCCCCA
GGATCTCATGAATATGCCGCACTGAAAGTGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001288791
Insert Size:	447 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:

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_001288791.1](#)

RefSeq Size: 825 bp

RefSeq ORF: 447 bp

Locus ID: 284415

UniProt ID: [Q6UX27](#)

Cytogenetics: 19q13.42

Protein Families: Transmembrane

MW: 16.1 kDa

Gene Summary: 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]
Transcript Variant: This variant (2) lacks one exon and contains an alternate exon in the 5' coding region, which results in a frameshift and use of an alternate start codon, compared to variant 1. The encoded isoform (2) has a shorter and distinct N-terminus, compared to isoform 1.