

Product datasheet for **SC208990**

S1P (MBTPS1) (NM_003791) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	S1P (MBTPS1) (NM_003791) Human 3' UTR Clone
Symbol:	S1P
Synonyms:	PCSK8; S1P; SEDKF; SKI-1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003791
Insert Size:	716 bp
Insert Sequence:	>SC208990 3'UTR clone of NM_003791 The sequence shown below is from the reference sequence of NM_003791. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
GTTCAACCCGCCAAAGACCCCTTCGGTGTTGACCGGCAGCCTGGCTGACCGTGAGGGCCAGAGAGGCCTT
CACGGACGGCGCTGGTGGGTGAGCCGAGCTGTGGTGGCGGCTGGTTTAAAGGGATCCAGTTTCCAGCT
GCAGGTTTGTAGAGTCTGTTCTACATGGGCTGCCCTCCTGTGATGGGCAGAGGCTCCTGGTACATCG
AGAAGATTCTGTGGATCCCGTCAGGAGGGACTTAGTGGCTCTGCCGCCAGTGAGACTTCCCGCCGCA
GCTGTGCGCACCAAAGACTCGGGAGAAGCTGGAAAGGCTGTCTGGGGTCTTCTGACTGCAGGGGAAGGAT
GTACTTTCCAAACAAATGATACAACCCTGACCAAGCTAAAAGACGCTTGTAAAGGCTATTTTCTATAT
TTATTGTTGGGAAAAGTCACTTTAAAGACTTGTGCTATTTGGAAGCAAAGCTATTTTTTTGTCAGTGG
AATGCAGTTTTTTTACTATTCCATCATGAGGAACAACATAGATCCATGATCTTTTTAATGACAGTACA
GACTGAGATTTGAAGGAAACATGCACAAATCTGTAAAACATAGACCTTCGCTTTATTTTTGTAAGTATC
ACCTGCCACCATGTTTTGTAATTTGAGGTCTTGATTTACCATTGTCGGTGAAGAAAATTTCAATAAA
TATGTATTACCCGTCTGAAGCTTAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_003791.4
Summary:	This gene encodes a member of the subtilisin-like proprotein convertase family, which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an initial autocatalytic processing event in the ER to generate a heterodimer which exits the ER and sorts to the cis/medial-Golgi where a second autocatalytic event takes place and the catalytic activity is acquired. It encodes a type 1 membrane bound protease which is ubiquitously expressed and regulates cholesterol or lipid homeostasis via cleavage of substrates at non-basic residues. Mutations in this gene may be associated with lysosomal dysfunction. [provided by RefSeq, Feb 2014]
Locus ID:	8720
MW:	27.1