

Product datasheet for **SC301915**

SLTM (NM_001013843) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLTM (NM_001013843) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLTM
Synonyms:	Met
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301915 representing NM_001013843. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCTGCCGCTACCGGTGCGGTGGCAGCCTCGGCCGCCTCGGGTCAGGCGGAAGGTAAAAAGATCACC
 GATCTGCCGGTTCATCGATCTGAAGTCCGAGCTGAAGCGGCGGAACCTAGACATCACCGAGTCAAGACC
 GTGCTCATCTCCCGACTCAAGCAGGCTATTGAAGAGGAAGGAGGCGATCCAGATAATATTGAATTAAT
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 GAGCAAGATGGAATGATGAATAAGGACTCTGAAGAATTTGGTAAAAATGAAGAAGAAATGTGCAT
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 GATATAGAAAAAGAGGACATCGAAAGTCAGGAAATTGAAGCTCAAGAAAGTGAAGATGATACCTTTCTA
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 CATGAAGAGATGGAAGCTCATACGACTGTGAAAGAAGCTGAGGATGACAACATCTCGGTACAATCCAG
 GCTGAAGATGCCATCACTCTGGATTTTGATGGTGATGACCTCCTAGAAACAGGTAAAAATGTGAAAT
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 TCAAGAAGTTCTGGAGATAAAAAAATACGAGTGATAGAAGTAGCAAGACACAAGCCTCTGTCAAAAA
 GAAGAGAAAAGATCGTCTGAGAAATCTGAAAAAAGAAAGCAAGGATACTAAGAAAATAGAAGGTAAA



GATGAGAAGAATGATAATGGAGCAAGTGGCCAAACATCAGAATCGATTAAAAAAGTGAAGAAAAGAAG
CGAATAAGTTCCAAGAGTCCAGGACATATGGTAATACTAGACCAAACAAAGGAGATCATTGTAGACCA
TCAAGAAGAGGAAGATATGAGAAAATTCATGGAAGAAGTAAGGAAAAGGAGAGAGCTAGTCTAGATAAA
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AGAGAGCGTCGAGAGCGAGAACGCATTAGAATAATTCGTGAACGGGAAGAACGGGAACGCTTACAGAGA
GAGAGAGAGCGCCTAGAAATTGAAAGGCAAACTAGAGAGAGAGAGAATGGAACGCGAACGCTTGGAA
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AAACGGGAAACAAGAGTTGAAAGGCCAGAACGATCTGGGAGAGAAGTATCAGGGCACAGTGTGAGAGGC
GCTCCCCCTGGGAATCGTAGCAGCGCTTCGGGGTACGGGAGCAGAGAGGGAGACAGAGGAGTCATCACA
GACCGAGGAGGTGGATCAGCACTATCCTGAGGAGCGACATGTGGTTGAACGCCATGGACGGGACACA
AGCGGACCAAGGAAAGAGTGGCATGGTCCACCCTCTCAAGGGCCTAGCTATCATGATACGAGGCGAATG
GGTGACGGCCGGGAGGAGCAGGCATGATAACCAACATTCAAGTAACGCATCCCAATTAATAGAATT
GTACAAATCAGTGGCAATTCATGCCAAGAGGAAGTGGCTCCGGATTTAAGCCATTTAAGGGTGGACCT
CCGCGACGATTCGA
ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001013843
Insert Size:	3051 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:	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_001013843.1</u>

RefSeq Size:	4110 bp
RefSeq ORF:	3051 bp
Locus ID:	79811
UniProt ID:	Q9NWH9
Cytogenetics:	15q22.1
MW:	115.4 kDa
Gene Summary:	When overexpressed, acts as a general inhibitor of transcription that eventually leads to apoptosis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate in-frame splice site in the central coding region, compared to variant 1, resulting in a shorter protein (isoform b).