

Product datasheet for **SC102121**

SLTM (NM_017968) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLTM (NM_017968) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLTM
Synonyms:	DKFZp762G052; FLJ10005; FLJ13213; MET; Met, FLJ10005, FLJ13213, DKFZp762G052; modulator of estrogen induced transcription; SAFB-like, transcription modulator
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_017968, the custom clone sequence may differ by one or more nucleotides

ATGGCTGCCGCTACCGGTGCGGTGGCAGCCTCGGCCGCTCGGGTCAGGCGGAAGGTAAAAAGATCACCG
 ATCTGCGGGTCATCGATCTGAAGTCCGAGCTGAAGCGGCGGAACCTAGACATCACCGGAGTCAAGACCGT
 GCTCATCTCCCGACTCAAGCAGGCTATTGAAGAGGAAGGAGCGATCCAGATAATATTGAATTAAGTGT
 TCAACTGATACTCCAAACAAGAAACCAACTAAAGGCAAAGGTAAAAACATGAAGCAGATGAGTTGAGTG
 GAGATGCTTCTGTGGAAGATGATGCTTTATCAAGGAAATTGAAGCTCAAGAAGGTGAAGATGATACCTT
 TCTAACAGCCCAAGATGGTGAGGAAGAAGAAATGAGAAAGCTCTTCAAAGGAATCTAAAGACAGCAAGA
 CATCATCTAAAGATGACAAAGGAAGTACAAGTAGTACTAGTGGTAGCAGTGGAAGCTCACTAAAAATAT
 CTGGGTTAGTGGACTTTCATCTAATACCAAAGCTGCTGATTGA


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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017968 unedited
 GGGGTTACATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGCAAACAT
 CANAATCGATTAAAAAATGAAGAAAAGAGCGAATAAGTTCCAAGAGTCCAGGACATAT
 GGTAATACTAGACCAAATAAGGAGATCATTGTAGACCATCAAGAAGAGGAAGATATGA
 GAAAAATTCATGGAAGAAGTAAGGAAAAGGAGAGAGCTAGTCTAGATAAAAAAAGAGATAA
 AGACTACAGAAGGAAAGAGATCTTGCCCTTTGAAAAGATGAAGGAACAAAGGTTGAGAGA
 ACATTTAGTTTCGTTTTGAAAGGCTGCGACGAGCAATGGAACCTTCGAAGACGAAGAGAGAT
 TGCAGAGAGAGAGCGTTCGAGAGCGAGAACGCATTAGAATAATTCGTGAACGGGAAGAACG
 GGAACGCTTACAGAGAGAGAGAGAGCGCCTAGAAATTGAAAGGCAAAACTAGAGAGAGA
 GAGAATGGAACGCGAACGCTTGGAAGGGAACGCATTTCGTATTGAACAGGAACGTCGTAA
 GGAAGCTGAACGATTGCTCGAGAAAGAGAGGAACCTCAGAAGGCAACAACAGCAGCTTCG
 TTATGAACAAGAAAAAGGAATTCCTTGAAACGCCACGTGATGTAGATCATANGCGAGA
 TGATCCTTACTGGAGCGAGAAATAAAAAAGTGTCTCTAGATACAGATGCACGATTTGGCCA
 TGGATCCGACTACTCTGCCAACAGAACAGATNTAATGACTTTGATCACCAGAGAGAAGGG
 CAGGGTTNCTGAGAGTTCAGCAGTACAGTCTTCATCTTTTGAAGGCGGNATCGCTTTGT
 TGGTCAAGTGAGGGAAGAACGACGACCTACTGCACGAAGGGAAGATCCAGCTNCGAAAG
 AATCCCCAAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017968 unedited
 TGCTAAAAAGACGTTCCCTAGAAAGNACAACAATGTACGTTCCCCACATACAAGTGTTTAC
 AAATCTCAACTGATTCACCCATCTAGAACCTGGGGTTTTTCCACTTCTCAACATAGTTG
 GGAACATGGAAACATTAATACCCACACAATTCCCAGAGATGGAATTTATCCATCAACAA
 ACAGTGCAGATTACCTAAAAGTGCACTTACCTGCACATATTTGGTCTAAGAACCTTGTA
 AACAAGGGTCATGGCCAAGGTTTCATGAATCTATTTGGTTTCATACCATGCAACCTGAA
 CAAGTGTGCTGTACACTAACTGAAAATCGGTTCTCATTTTACAATTAAGGTTCTC
 AACACTTTAGCACTATACAGAATATGAAGGTTTATTTCAAAAAAGATTACATTTTTTTA
 AACCAGGATACACAGATGCATTAATGTAAAGTACCTTCTGCAAAAATAGGTTACATAA
 TACTCAGAAATGCAATGAACAATCTTATTCTCTAAAAATTAGACAGCTAAGACTTCTTAA
 GTGTAGACAGCCTTCAAAATGGAGGCTGAAAATGCTTGGTAAAAAGAAAGTAACTCTAGAG
 CCAGACACCACAGAGCTAACGCTGCAAAATTAACCACTACCACACAGCTGCAAACTACTC
 TTTATATTCACACAGCGCGAAACAAAACGACCTTCATTCCATCTTTTCAAATGTGCCTCC
 GTGCTGCAAGAAAAAACGTGGACGATACCCAAAACCTTTTAAAGTTACCACCGACTATT
 TAAACCTCTTCTCCATAATTGAGAAAGCCATCATGGTCAATTTTAAAAAGAAAATCTG
 GCCAGAACTTCAAGCACGTACGAGTTCTTCTTACCTTGCCCCGTAAGCTGCCGGGGA
 TTTGATGAAAGATTCTTAAACCTTGAGCGAGCTATCTCTCAACACGCGCGCAGCGGCC
 ACCTTAAAGGGTGAATGTCAGACCCTCCCCCTGGCCTGGAATCGCCGTATTGACACAC
 CCTAATGAG

Restriction Sites:

NotI-NotI

ACCN:

NM_017968

Insert Size:

2800 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).

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_017968.1, NP_060438.1

RefSeq Size: 3497 bp

RefSeq ORF: 1437 bp

Locus ID: 79811

Cytogenetics: 15q22.1

Gene Summary: When overexpressed, acts as a general inhibitor of transcription that eventually leads to apoptosis.[UniProtKB/Swiss-Prot Function]
 Transcript Variant: This variant (3) lacks two alternate coding region segments, compared to variant 1, which results in a translational frameshift. The resulting protein (isoform c) has a distinct C-terminus and is shorter than isoform a.