

Product datasheet for **MC223208**

Sltm (NM_026337) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sltm (NM_026337) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sltm
Synonyms:	5730455C01Rik; 5730555F13Rik; 9130215G10Rik; Met
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223208 representing NM_026337 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCCGCTGCCGGGGCCGTGGTAGCCTCGGCCGCTCTGGGCCGGCGGAAGGAAGAAGATCACGG
AGCTGCCGGTTATCGACCTCAGGTCCGAGCTGAAGCGCCCAACTGGACATCAACGGGGTCAAGACGGT
ACTGGTCTCCCGCTGAAGCAGGCTATTGAAGAGGAAGGAGGCGATCCAGATAATATTGAATTAAGTGT
TCAACTGATACTCAAACAAGAAACCAACCAAGGCAAGGTAACAAACAAGAAGCAGATGAGTTGAGTG
GAGATGCTTCTGTGGAAGATGATTCTTTTGTCAAGGACTGTGAATTGGAGAATCAAGAGACACATGACCA
AGATGGAATGAAGAGCTAAAGGACTTGGAGAATTTGGTGAATGAAGAGGAAATTTGTGATTCCCGAG
GAGTTGCTTTCTACAGAAGAGAACAAGCAACTCAGGAATTTGTAGAGGCAGAAGCAATAGAAGATAGAG
AAAAAGAGGACATCGAAAGTCAGGAACTGAAGCTCAAGAAGGTGAAGATGACACCTTTCTAACAGCTCA
AGATGGTGAGGAAGAAGAAAATGAGAAAGAAGGGAGCCTAGCTGAGGCTGATCACACAGCTCATGAAGAG
ATGGAAGCTAATGCGACTGGGAAAGAAGCTGAGGATGACAACATCTCGGTCACAATCCAGGCTGAAGATG
CCATCACTCTGGATTTTGTGGTGTGACCTCTAGAAACAGGTAAAAATGTGAAATACAGATTTCTGA
AGCAAGTAAGCCAAAAGATGTGCAGGACGCCATTGCACAGAGCCCGGAGAAGGAAGCAAGGATTATGAG
ATGAACCCGAACCATAAAGATGGTAAGAAGGAAGACTCCGTGAAGGGTGAGCCTGTGAGAAAGGAAGCCA
GAGAAAGTGCTAAGAAAGCAGAATCTGGAGACAAAGAAAGGATACTTTGAAAGAAAGGGCCCTCGTCTAC
AGGGGCCCTCTGGTCAAGCAAAGAGCTCTCAAAGGAATCTAAAGACAGCAAGACATCATCTAAAGATGAC
AAAGGGAGCACAGGCAGTGTGGTGGGAGCAGTGGAAAGCTCAACCAAGAACATCTGGGTCAAGTGGACTGT
CTTCTAATACCAAAGCTGCTGATTTGAAGAACCTTTTGGCAAAATGGAAGGTTCTAAGTGCAAAGGT
AGTTACAAATGCTCGAAGTCTGGGGCAAAATGCTATGGCATCGTAACCATGTCTTCAAGCACAGAAGTG
TCCAGATGTGTTGCACATCTCCATCGCACAGAGCTGCATGGACAAGTATTCTGTGGAGAAAGTCAAAG
GTGATCCTTCTAAGAAAGAAATGAAGAAAGAAATGATGAGAAGAGTAGCTCACGGAGCGCTGGTGATAA
AAGAAGCGGAGTGATCGGAGTGCCAAGACACAAGCATCTATTAAGAAAGAAAGAGAAAGGTCATCTGAG
AAATCAGAAAAAAGAAAGCAAGATACTAAGAAAATAGAGAAAGATGAGAAGAAGCAGCATGTTCCAA



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GTGGGCAGACTTCAGAGTCCCTGAAAAAGAGTGAAGAGAAGAAGCGGATAAGTTCAAAGAGTCCAGGACA
 TATGGTGACTAAACCAAACCAAGGGAGATCATTGTAGGCCGTCAAGAAGGGGCAGATATGAGAAAGGT
 CATGGAAGAAGCAAAGAAAAGGAGAGGGCTAGCCTAGATAAAAAAGAGACAAAGACTACAGAAGGAAAG
 AGATCTTGCCTTTTGAAAAGATGAAGGAACAAAGATTGAGAGAACATTTAGTTCCGTTTTGAAAGACTGAA
 ACAAGCAGTGGAAATTCAGAAGACGAAAAGAGATTGCAGAAAGAGAGCGTCGAGAGCGTGAACGCATTAGA
 ATAATTCGTGAACGGGAAGAACGGGAACGCTTACAGAGAGAGAGAGCGCCTAGAAAATTGAAAGGCAAA
 AACTAGAGAGAGAGAATGGAACGCGAACGCTTGGAAAGGGAACGCATTTCGATTGAACAGGAGCGGCG
 CAGGGAAGCTGAAAGGATTGCTCGGGAGAGAGAGGAGCTCAGAAGGCAGCAGCAGCAGCTTCGCTATGAA
 CAAGAAAAAGGAATTCTTTGAAACGCCACGTGACGTAGACCATAGCGGAGATGACCCCTACTGGAGCG
 AGAATAAAAAGTTATCTCTAGATACAGAGGCACGATTTCGGCCATGGGTCTGACTATCGTCAACAGAGCAG
 GTTCCTTGACTTCAGTCACCGAGAACGGGCCAGGTTTCCTGACTGCATCTGTGCAGTCATCCTTTGAA
 AGACGGGAACGGTTTGTGGTCAAAGTGAAGGAAAGAAACCGAGACCAGCAGCCCGAAGAGAAGAGCCAA
 GTTTTGAAGGTACCCTAAAACTTCAGTGATTCCAGAAGAAATGAGCCTCCACCACCAAGAAATGAACT
 TAGAGAAAACAGACAGACGAGAGGTCGAGGGGAGAGAGACGAGAGAAGAACAGTAATCCTTCATGACCGA
 CCTGAGGTCGCTACCCAGACACCCTCGAGAGACTGTGCCAATCCTTCTAGACCAACTCCTGGAAAA
 GCGAAGCGAATATGTCCACAGAGAAACGGGAGTACGAGTTGAAAGGCCAGAAAGATCTGGGAGAGAAGT
 CTCTGGACACACTGTGAGGGGAGCGCCCCCGGGAATCGGAGTAGTGCCTCAGGCTATGGAACCCGAGAG
 GGAGAGCGAGGAGTCATTGCTGACAGAGGAAGCGGAACACAGCACTACCCTGAAGAACGACATGTCGTGG
 AACGTCATGGACGGGACACAAGTGGACCAAGGAAAGAGTGGCATGGCCCCCCTCTCAGGGGCTAGCTA
 CCATGACACAAGACGAATGGGTGATGGCCGAGCAGGAGCAGGCATGATAACCCAACACTCAAGCACTGCG
 TCCCCAGTGAACAGGATTGTACAGATGAGTGTAACCTCTGCCAAGAGGAAGCAGCTCGGGGTTTAAAGC
 CGTTTAAAGAGTGGACCTCCACGGCGATTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_026337

Insert Size:

3042 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_026337.1](#), [NP_080613.1](#)

RefSeq Size:

3569 bp

RefSeq ORF:

3042 bp

Locus ID: 66660

UniProt ID: [Q8CH25](#)

Cytogenetics: 9 D

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 junction compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.