

Product datasheet for **MC226936**

Stx18 (NM_001289536) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stx18 (NM_001289536) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stx18
Synonyms:	1810035L21Rik; 4933425D03Rik; AU041562
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC226936 representing NM_001289536 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGTGGACATCACACTGCTCTTCCGGCTAGCGTCAAGACAGTGAAGACGCGGAATAAGGCTCTGG
GAGTGGCCGTGGGTGGCGGGCCGATGGCAGCCGGGACGAGCTGTTCCGCAGAAGCCCTCGGCCAAAGG
AGACTTCTCCAGCCGGGCCCGTGAAGTATTTCTCACATTGGGAAGCTGAGAGATTTTCTCTGGAGCAC
AGGAAGGAGTATATTAATGCCTACAGCCACACCATGTCTGACTATGGGAGGATGACAGACACAGAGCGAG
ACCAGATAGACCAGGATGCTCAGATATTCATAAGGACCTGTTTCAAGCAATCCATCAACTCAGAACAGA
AGGAGTGTGTAAGCTTTACTCTGAACAAAGAGCCATCCGAGTGAAGCGCGTGGTGGACAAGAAAAGACTA
TCTAAGCTGGAACCTGAGCCACATACCAAGAGGAAAGACTCCACATCTGAGAAAGCCCTCAGAACGCTT
CCCAGGACTCTGAAGGAAAGCCTGCTGCTGAGGAGCTGCCAGAAAAGCCTTTGGCTGAATCACAGCCGA
ACTGGGAACCTGGGGCGATGGCAAGGGTGAAGATGAGCTGTCTCCAGAAGAGATACAGATGTTTGAACAA
GAAAATCAGCGACTCATTGGTGAATGAACAGCTTGTGTTGACGAAGTGAAGCAATCGAAGGAAAGTTCG
TTGAAATTTCCAGACTCCAAGAGATATTCACCGAAAAGTTTTGAACAGGAAACTGAGATCGACAGCAT
TCACCAGTTAGTCGTGGGGCAACTGAAAATATTAAGGAAGGCAACGAAGACATCCGAGAGGCCATCAAA
AACAATGCAGTTTCCGAGTGTGGATCCTCTTCTCTCGTGATGTTCCTTTCTTGTCTTCTCTCG
ACTGGTATGACAGCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001289536
Insert Size:	927 bp



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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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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_001289536.1 , NP_001276465.1
RefSeq Size:	2441 bp
RefSeq ORF:	927 bp
Locus ID:	71116
UniProt ID:	Q8VDS8
Cytogenetics:	5 B3
Gene Summary:	<p>Syntaxin that may be involved in targeting and fusion of Golgi-derived retrograde transport vesicles with the ER.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (3) is shorter than isoform 1. 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.</p>