

Product datasheet for **MC211560**

Stx11 (NM_001163591) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stx11 (NM_001163591) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stx11
Synonyms:	5830405C08Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC211560 representing NM_001163591 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGGATCGGCTTGCAGAGCTTCAAGAATTGTCCAGGAGCTATGACCAGCAATCCCAGATGGGGACA
ATGACTTTGACGCTCCTCGGGAGGACATAGTGTTTCGAGACCGACCACATCCTGGAGTCCTTGTACAGGT
CATCCAGGACATCCAGGATGAAAACCAGCTGCTTCTGATAGACGTGAGGCGCCTGGGAGGCAGAACGTC
CGTTCCTCACGTCCATGCGGCGCCTCAGCAGCATTAAAGCGCGACACCAACTCCATCGCCAAGGCCATCA
AGACCCGAGGCGAAGGCATCCACCAGAAGCTGCGCTCCATGAAGGAGCTGAGCGAGCAGGCCGAGGCCCG
GCACGGCGCGCACTCGGCGGTGGCTCGCATCTCACACGCGCAGTACAGCGCGCTGGCCCGCGCTTTCCAG
CAAGCCATGTACGAGTACAACCAGGCCGAGATGAAACAGCGCGACAACCTGCAAGATCCGCATCCAGCGGC
AGCTGGAGATCATGGCAAGGACATGTCGGGCGAGCAGATTGAGGACATGTTTCGAGCAGGGCAAGTGGGA
TGATTCTCCGAGAACCTGCTGGCCGACTTGAAGGGCGCGGGCTGCGCTCAACGAGATCGAGAGCCGC
CACCGGAGCTCCTGCGCCTGGAGGTCGATTCGCGATGTGCACGAGCTTCTTACAGATGGCCGTGC
TAGTGGAGAAGCAGGAGGACACGCTGAACGTATCGAGCTTAACGTGCAGAAGACCCTCGATTACACGGG
CGAGGCCAAGGCGAGGTGCGCAAGGCGGTGCAGTACAAGAAGAAGAACCCCTGCAGGACCATCTGCTGC
TTCTGTTGTCCCTGTGTCAACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001163591
Insert Size:	864 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).
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:	<u>NM_001163591.1</u> , <u>NP_001157063.1</u>
RefSeq Size:	2146 bp
RefSeq ORF:	864 bp
Locus ID:	74732
Cytogenetics:	10 A2
Gene Summary:	<p>SNARE that acts to regulate protein transport between late endosomes and the trans-Golgi network.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein. 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>