

Product datasheet for MC211562

Stx11 (NM_001163590) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Stx11 (NM_001163590) 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: >MC211562 representing NM_001163590
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGGATCGGCTTGCAGAGCTTCAAGAATTGTCCAGGAGCTATGACCAGCAATCCCAGATGGGGACA
 ATGACTTTGACGCTCCTCGGGAGGACATAGTGTTTCGAGACCGACCACATCCTGGAGTCCTTGTACAGGGT
 CATCCAGGACATCCAGGATGAAAACCAGCTGCTTCTGATAGACGTGAGGCGCCTGGGGAGGCAGAACGTC
 CGCTTCTCACGTCCATGCGGGCGCTCAGCAGCATTAAAGCGCGACACCACTCCATCGCCAAGGCCATCA
 AGACCCGAGGCGAAGGCATCCACCAGAAGCTGCGCTCCATGAAGGAGCTGAGCGAGCAGGCCGAGGCCCG
 GCACGGCGCGCACTCGGCGGTGGCTCGCATCTCACACGCGCAGTACAGCGCGCTGGCCCGCGCTTTCCAG
 CAAGCCATGTACGAGTACAACCAGGCCGAGATGAAACAGCGCGACAACCTGCAAGATCCGCATCCAGCGGC
 AGCTGGAGATCATGGCAAGGACATGTCGGGCGAGCAGATTGAGGACATGTTTCGAGCAGGGCAAGTGGGA
 TGTATTCTCCGAGAACCTGCTGGCCGACTTGAAGGGCGCGGGCTGCGCTCAACGAGATCGAGAGCCGC
 CACCGGAGCTCCTGCGCTGGAGGTCGATTCGCGATGTGCACGAGCTTCTTACAGATGGCCGTGC
 TAGTGGAGAAGCAGGAGGACACGCTGAACGTATCGAGCTTAACGTGCAGAAGACCCTCGATTACACGGG
 CGAGGCCAAGGCGAGGTGCGCAAGGCGGTGCAGTACAAGAAGAAGAACCCCTGCAGGACCATCTGCTGC
 TTCTGTTGTCCCTGTGTCAACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001163590
 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_001163590.1</u> , <u>NP_001157062.1</u>
RefSeq Size:	2261 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 (2) 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>