

Product datasheet for **MR218581**

Stx11 (NM_001163591) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stx11 (NM_001163591) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Stx11
Synonyms: 5830405C08Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR218581 representing NM_001163591
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGGATCGGCTTGCAGAGCTTCAAGAATTGTCCAGGAGCTATGACCAGCAATCCCAGATGGGGACA
ATGACTTTGACGCTCCTCGGGAGGACATAGTGTTTCGAGACCGACCACATCCTGGAGTCCTGTACAGGGT
CATCCAGGACATCCAGGATGAAAACCAGCTGCTTCTGATAGACGTGAGGCGCCTGGGGAGGCAGAACGTC
CGCTTCTCACGTCCATGCGGCGCCTCAGCAGCATTAAAGCGCGACACCAACTCCATCGCCAAGGCCATCA
AGACCCGAGGCGAAGGCATCCACCAGAAGCTGCGCTCCATGAAGGAGCTGAGCGAGCAGGCCGAGGCCCG
GCACGGCGCGCACTCGGGGTTGGCTCGCATCTCACACGCGCAGTACAGCGCGCTGGCCCGCGCTTTCCAG
CAAGCCATGTACGAGTACAACCAGGCCGAGATGAAACAGCGCGACAACCTGCAAGATCCGCATCCAGCGGC
AGCTGGAGATCATGGCAAGGACATGTCCGGCGAGCAGATTGAGGACATGTTTCGAGCAGGGCAAGTGGGA
TGATTCTCCGAGAACCTGCTGGCCGACTTGAAGGGCGCGGGCTGCGCTCAACGAGATCGAGAGCCGC
CACCGGAGCTCCTGCGCCTGGAGGGTTCGATTTCGCGATGTGCACGAGCTTCTTACAGATGGCCGTGC
TAGTGGAGAAGCAGGAGGACACGCTGAACGTATCGAGCTAACGTGCAGAAGACCCTCGATTACACGGG
CGAGGCCAAGGCGCAGGTGCGCAAGGCGGTGCAGTACAAGAAGAAGAACCCTGCAGGACCATCTGCTGC
TTCTGTTGTCCCTGTGTCAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR218581 representing NM_001163591
 Red=Cloning site Green=Tags(s)

MKDRLAELQELSRSDYDQFPDGDNDFDAPREDIVFETDHIHLESLYRVIQDIQDENQLLLIDVRRLLGRQNV
 RFLTSMRRLSSIKRDTNSIAKAIKTRGEGIHQKLRSMKELSEQAEARHGHAHSAVARISHAQYSALARAFQ
 QAMYEYNQAEMKQRDNCKIRIQRQLEIMGKDMSEGEIEMFEQGWDFSENLLADLKGARAALNEIESR
 HRELLRLEGRIRDVHELFLQMAVLVEKQEDTLNVIELNVQKTLDYTGAKAQVRKAVQYKKNPCRTICCFCCPCVN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001163591

ORF Size: 861 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001163591.1](#), [NP_001157063.1](#)

RefSeq Size: 2146 bp

RefSeq ORF: 864 bp

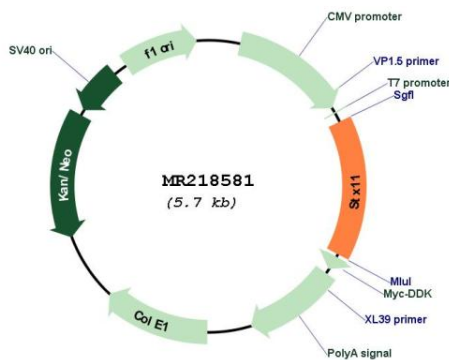
Locus ID: 74732

Cytogenetics: 10 A2

MW: 33.8 kDa

Gene Summary: SNARE that acts to regulate protein transport between late endosomes and the trans-Golgi network.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR218581