

Product datasheet for **MC212837**

Stx16 (NM_172675) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stx16 (NM_172675) Mouse Untagged Clone
Tag: Tag Free
Symbol: Stx16
Synonyms: 4930401D03; 5430410K23Rik; 6330500A18Rik; AI648908; AW553605; Syn16
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212837 representing NM_172675
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCACCAGGCGTTTAAACCGACGCTTCTTGTGTTGCGGAATAATTCCATCCAAACCCGGCAGCTGT
TAGCCGAGCAAGTAGTAGTACACACCACCTCCAGCCCTCTGCATTACAGTATGCTGCGGAGCTGGA
CGAGCTTGTGATGACCGCATGGCGCTGGTATCAGGCATCAGCCTAGATCCAGAAGCAGCAATTGGCGTG
ACAAAGCGGTCCGCTCCCAAGTGGTGGATGGCGTGGACGAAATACAGTATGATGTTGGCCGATTAAC
AGAAGATGAAGGAGTTAGCCAGCCTTCATGATAAGCATTGAACAGACCCACCCTGGATGACAGCAGTGA
GGAGGAACATGCCATCGAGATCACACCCAGGAAGTCACACAGCTCTCCATAGGTGCCAGCGTGTGTG
CAGGCCCTGCCAGCCGGGCACGAAGGGCTGCTCGGAGCAGGAAGAGCGGCTACTGCGGAACGTGGTGG
CCTCCTTGGCACAGGCCCTGCAGGAGCTGTCCACCAGCTTCCGGCATGCACAGTCTGACTACCTGAAACG
CATGAAAAACCGAGAGGAGAGATCGCAGCATTCTTCGACACCCAGTACCACTAATGGATGATGGAGAT
GATGCTACTCTGTATGGTCAGGGCTTACGGATGACCAGCTGGTGTGGTAGCAAAAACACTGATGG
TGGAGGAGAGGGAGCAGAGATCCGTCAGATTGTGCAGTCCATTTCAGACCTCAATGAAATCTTCAGGGA
CTTGGGAGCCATGATTGTGGAGCAGGGAACAGTCTTGATAGAATTGACTATAATGTTGAACAGTCTGT
GTCAAGACCGAAGATGGCTTGAACAGCTTCAAGGCTGAGCAGTACCAGAAGAAGAACCAGGAAGATGC
TTGTGATCGTGATCCTGGTGGCCGTCATCATAGTCTCCTCGTGGCCCTCGTCGCCGTAAGTCTCGCTA
G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_172675



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Insert Size:	981 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:	<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_172675.4 , NP_766263.2
RefSeq Size:	3768 bp
RefSeq ORF:	981 bp
Locus ID:	228960
UniProt ID:	Q8BVI5
Cytogenetics:	2 H4
Gene Summary:	SNARE involved in vesicular transport from the late endosomes to the trans-Golgi network. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (a).