

Product datasheet for **MC218321**

Stx8 (BC048479) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stx8 (BC048479) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stx8
Synonyms:	0610007H08Rik; 1110002H11Rik; 4930571E13Rik; CARB
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC048479 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCCCGGACCCCTGGTTCTCCACATACGATTCTACGTGTCAGATAGCCCAAGAAATCGCTGAGAAGA
TTCAAGAACGAAATCAGTGTGAAAGAAGAGGTGAAAAGACACCGAAGCTTACCTTGACAATCAGAACGTT
GTTGAAGAATCTGAAGGTAAGATCGACCTTTTGAAGGACTTACTGCTAAGAGCTGTGTCGACACGCCAG
ATAACACAACCTGGAGGGGATCGAAGACAGAACCTGCTGGATGACCTTGTACCCGAGAGAGACTGCTCC
TGGCATCGTTAAGAATGAGGGTGCAGAGCCGGATCTGATCAGGTCCAGCCTGATGAGCGAAGAAGCAAA
GCGAGGAACCTCCAACCTTGGCTCTGTGAGGAGCCGGAGGAGACCAGAGGTTTGGGTTTTGATGAGATC
CGACAACAGCAGCAGAAAATTATCAAGAACAGGACGCGGGTCTTGATGCCCTTCTCTATCATAAGTC
GCCAAAAACAAATGGGCCAGGAAATGGGAACGAACTGGATGAACAGAATGAGATCATCGATGACCTTGC
CAACCTCGTTGAGAACACAGATGAGAAGCTTCAACTGAAGCCAGGCGAGTGACCCTGGTGGACAGAAAG
TCAACTTCCTGTGGATGATCATGGTGATTTTATTGCTGCTCGTGGCTATTGTGGTCGTTGCAGTGTGCC
CAACCAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	BC048479
Insert Size:	711 bp



[View online »](#)

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:	BC048479 , AAH48479
RefSeq Size:	887 bp
RefSeq ORF:	710 bp
Locus ID:	55943
Cytogenetics:	11 B3
Gene Summary:	Vesicle trafficking protein that functions in the early secretory pathway, possibly by mediating retrograde transport from cis-Golgi membranes to the ER.[UniProtKB/Swiss-Prot Function]