

Product datasheet for MC209998

Stx8 (NM_018768) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stx8 (NM_018768) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stx8
Synonyms:	0610007H08Rik; 1110002H11Rik; 4930571E13Rik; CARB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209998 representing NM_018768 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCCCGGACCCCTGGTTCTCCACATACGATTCTACGTGTCAGATAGCCCAAGAAATCGCTGAGAAGA
 TTCAAGAACGAAATCAGTGTGAAAGAAGAGGTGAAAAGACACCGAAGCTTACCTTGACAATCAGAACGTT
 GTTGAAGAATCTGAAGGTAAAGATCGACCTTTTGAAGGACTTACTGCTAAGAGCTGTGTCGACACGCCAG
 ATAACACAACCTGGAGGGGATCGAAGACAGAACCTGCTGGATGACCTTGTACCCGAGAGAGACTGCTCC
 TGGCATCGTTTAAAGATGAGGTGCAGAGCCGGATCTGATCAGGTCCAGCCTGATGAGCGAAGAAGCAAA
 GCGAGGAACTCCCAACCTTGGCTCTGTGAGGAGCCGGAGGAGACCAGAGGTTTGGGTTTTGATGAGATC
 CGACAACAGCAGCAGAAAATTATTCAAGAACAGGACGCGGGTCTTGATGCCCTTTCCTCTATCATAAGTC
 GCCAAAAACAAATGGGCCAGGAAATTGGGAACGAACTGGATGAACAGAATGAGATCATCGATGACCTTGC
 CAACCTCGTTGAGAACACAGATGAGAAGCTTCGAACTGAAGCCAGGCGAGTGACCCTGGTGGACAGAAAG
 TCAACTTCCTGTGGGATGATCATGGTGATTTTATTGCTGCTCGTGGCTATTGTGGTCGTTGCAGTGTGGC
 CAACCAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_018768
Insert Size:	711 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:	NM_018768.2 , NP_061238.1
RefSeq Size:	4123 bp
RefSeq ORF:	711 bp
Locus ID:	55943
UniProt ID:	O88983
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]