

## 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  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC209998 representing NM\_018768  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCCCGGACCCCTGGTTCTCCACATACGATTCTACGTGTCAGATAGCCCAAGAAATCGCTGAGAAGA  
 TTCAAGAACGAAATCAGTGTGAAAGAAGAGGTGAAAAGACACCGAAGCTTACCTTGACAATCAGAACGTT  
 GTTGAAGAATCTGAAGGTAAGATCGACCTTTTGAAGGACTTACTGCTAAGAGCTGTGTCGACACGCCAG  
 ATAAACACAACGGAGGGGATCGAAGACAGAACCTGCTGGATGACCTTGTACCCGAGAGAGACTGCTCC  
 TGGCATCGTTAAGAATGAGGGTGCAGAGCCGGATCTGATCAGGTCCAGCCTGATGAGCGAAGAAGCAAA  
 GCGAGGAACTCCCAACCTTGGCTCTGTGAGGAGCCGGAGGAGACCAGAGGTTTGGGTTTTGATGAGATC  
 CGACAACAGCAGCAGAAAATTATCAAGAACAGGACGCGGGTCTTGATGCCCTTCTCTATCATAAGTC  
 GCCAAAAACAAATGGGCCAGGAAATTGGGAACGAACTGGATGAACAGAATGAGATCATCGATGACCTTGC  
 CAACCTCGTTGAGAACACAGATGAGAAGCTTCAACTGAAGCCAGGCGAGTGACCCTGGTGGACAGAAAG  
 TCAACTTCCTGTGGGATGATCATGGTGATTTTATTGCTGCTCGTGGCTATTGTGGTCGTTGCAGTGTGCC  
 CAACCAACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_018768  
**Insert Size:** 711 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_018768.2</a> , <a href="#">NP_061238.1</a>
<b>RefSeq Size:</b>	4123 bp
<b>RefSeq ORF:</b>	711 bp
<b>Locus ID:</b>	55943
<b>UniProt ID:</b>	<a href="#">O88983</a>
<b>Cytogenetics:</b>	11 B3
<b>Gene Summary:</b>	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]