

Product datasheet for **RN209311**

Stx8 (NM_031656) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stx8 (NM_031656) Rat Untagged Clone
Tag: Tag Free
Symbol: Stx8
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209311 representing NM_031656
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCCAGACCCTGGTTCTCCACGTACGATTCTACTTGTGAGATTGCCAAGAAATCGCTGAGAAGA
TTCAAGAACGAAATCAGTGTGAAAGAAGAGGTGAGAAGACACCTAAGCTTACCCTGACAATCAGAATTT
GTTGAAGAATCTGAAGGTAAGATCGACCTCTTGAAGGACTTACTCTAAGAGCTGTGTCGACGCCAG
ATAACACAACCTGGAGGGGATCGAAGACAGAACCTTCTGGATGATCTTGTCAACCGAGAGAGACTGCTCC
TGGCATCGTTTAAGAATGAGGGTTCCGAGCCGGATTTGATCAGGTCCAGCCTGATGAGTGAAGAAGCAAA
GCGAGGAACCTCCAACCTTGGCTCTGTGAGGAGCCGGAGGAGACCAGAGGCTTGGGTTTCGATGAGATC
CGGCAACAGCAGCAGAAAATTATCAAGAACAGGACGCAGGTCTTGTGACCTTTCTCTATCATAAGTC
GCCAAAAGCAAATGGCCAGGAGATTGGGAATGAACTGGACGAACAGACGATCATCGATGACCTTGC
CAACCTGGTGGAGAACACAGATGAGAAGCTTCGCACTGAAGCCAGGCGAGTGACCCTGGTGGACAGAAAG
TCAGCTTCCTGTGGGATGATAATGGTGATCTTATTGCTGCTCGTGGCTATTGTGGTGGTTGCAGTGTGGC
CAACCAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_031656
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_031656.2 , NP_113844.1
RefSeq Size:	854 bp
RefSeq ORF:	711 bp
Locus ID:	59074
UniProt ID:	Q9Z2Q7
Cytogenetics:	10q24
Gene Summary:	essential for intracellular membrane fusion [RGD, Feb 2006]