

Product datasheet for **MC226634**

Stx2 (NM_001286034) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stx2 (NM_001286034) Mouse Untagged Clone
Tag: Tag Free
Symbol: Stx2
Synonyms: AW538950; Epim; G1-536-1; repro34; Syn-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226634 representing NM_001286034
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGACGGTTTCTCCATCAGGTAGAGGAGATTGAAGCAGCATAGCCAGGATTGCTCAGCATGTAGAAG
ACGTGAAGAAGAACCACAGCATCATCCTGTCTGCTCCAAACCCAGAAGGAAAAATAAAGAAGAGCTGGA
GGACCTGAACAAAGAGATCAAGAAAAGCTAACAGGATCCGGGGCAAGCTGAAGTCTATTGAGCAGAGC
TGTGATCAGGACGAGAATGGGAACCGAAGTTCAGTGGATCTGCGGATACGAAGGACCCAGCACTCGGTGC
TGTCACGGAAGTTTGTGGACGTCATGACAGAATAAATGAAGCGCAGATCCTGTTCCGGGAGCGAAGCAA
AGGCCGCATCCAGCGCCAGCTGGAGATCACTGGGAGGACCACCACTGACGACGAGCTGGAAGAGATGCTG
GAGAGCGGGAAGCCGTCCATCTTCATCTCGGATATTATATCAGATTCACAAATCACTAGGCAAGCTCTCA
ATGAGATCGAGTCCCGCCACAAAGACATCATGAAGCTGGAGACCAGCATCCGAGAGCTGCACGAGATGTT
CATGGATATGGCCATGTTTGTGCGAGACTCAGGGTGAATGGTCAACAACATCGAGAGAAATGTGGTGAAC
TCTGTAGATTACGTGGAACATGCCAAGGAAGAGACGAAGAAAGCCATCAAATACCAGAGCAAGGCCAGGC
GGAAGGTGATGTTGTCCTCATTGTGTAGTCACTTTGCTTGTGATCCTTGAATTATTCTCGCAACAGC
ATTGTCATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001286034
Insert Size: 780 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001286034.1, NP_001272963.1</u>
RefSeq Size:	2807 bp
RefSeq ORF:	780 bp
Locus ID:	13852
Cytogenetics:	5 67.99 cM