

Product datasheet for MC226174

Stx3 (NM_001286543) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stx3 (NM_001286543) Mouse Untagged Clone
Tag: Tag Free
Symbol: Stx3
Synonyms: Syn-3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226174 representing NM_001286543
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGAAGCACATTGAGGAAGATGAGGTTGGTTCATCTGCAGACCTTCGGATACGAAAGTCCCAGCACT
 CCGTCCTCTCCCGAAGTTTGTGGAGGTGATGACAAAGTACAATGAGGCTCAGGTGGACTCCGTGAACG
 CAGCAAAGGGCGCATCCAACGGCAGCTTCAAATTACTGGCAAGAAGACAACAGATGAGGAGCTGGAAGAG
 ATGTTGGAGAGTGGCAACCCAGCCATCTCACTTCTGGGATCATTGACTCCAGATTTCCAAGCAAGCCC
 TCAGCGAGATTGAGGGTGGCACAAGGACATCGTAAGGCTGGAGAGCAGCATCAAGGAGCTCCATGACAT
 GTTTATGGACATCGCCATGCTGGTGGAAAATCAGGGAGCCATGATTGACCGCATTGAGAACAACATGGAC
 CAGTCAGTGGGCTTTGTGGAACGGGCTGTGGCAGATACCAAAAAGGCGGTCAAGTATCAGAGTGAAGCCC
 GGAGGAAGAAGATCATGATCATGATCTGCTGTATTATCCTTGCCATCATCTTGGCTTCTACCATTGGGG
 CATATTTGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001286543
Insert Size: 573 bp

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).



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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_001286543.1</u> , <u>NP_001273472.1</u>
RefSeq Size:	3133 bp
RefSeq ORF:	573 bp
Locus ID:	20908
UniProt ID:	<u>Q64704</u>
Cytogenetics:	19 A
Gene Summary:	Potentially involved in docking of synaptic vesicles at presynaptic active zones. [UniProtKB/Swiss-Prot Function]