

Product datasheet for **RN205727**

Stx4 (NM_031125) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stx4 (NM_031125) Rat Untagged Clone
Tag: Tag Free
Symbol: Stx4
Synonyms: Stx4a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205727 representing NM_031125
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCGCGACAGGACCCATGAGTTGAGGCAGGGGATAACATCTCAGACGATGAAGATGAGGTTTCGAGTCC
CGTTGGTGGTGCCTCAGGTGCCGCCCGCTGAGCAGCCCGACGACGAGTTCTCCAGAAGGTGCAGAC
AATTCGCGAGACTATGGCCAAACTGGAGAGTAAAGTCCGGGAGTTGGAGAAACAGCAGGTCACCATTCTG
GCCACGCCTCTCCCGAGGAGAGCATGAAGCAGGGCCTGCAGAACCTGCGAGAGGAGATCAACAGCTGG
GGAGAGAAGTCCGGGCACAGCTAAAAGCCATAGAGCCCCAGAAGGAAGAAGCTGATGAGAATTATAATTC
AGTCAACACAAGAATGAAGAAAACCCAGCATGGGGTCTGTCCAGCAGTTTGTGGAGCTCATCAACAAG
TGTAACCTCAATGCAGTCCGAGTACCGAGAGAAGAACGTGGAGCGCATTCCGCGGCAGCTGAAGATCACCA
ATGCTGGAATGGTGTCTGACGAGGAACTGGAGCAGATGCTGGACAGTGGCAGAGTGAGGTGTTGTGTC
TAATACTGAAGGACACACAGGTGACCCGGCAGGCCCTGAATGAGATCTCTGCGCGACACAGTGAGATC
CAGCAGTTGGAGCGCACGATCCGTGAATCCATGAGATCTTCACTTTTCTAGTACCGAGGTGGAGATGC
AGGGAGAGATGATCAATCGTATCGAAAAGAATCTGAGCTCAGCAGACTATGTGGAACGTGGCAAGA
ACATGTCAAGATAGCGCTAGAGAATCAGAAGAAGGCGAGGAAGAAAAGGTCATGATTGCCATCTGTGTT
TCTGCTACTGTTCTCATCTTGGCTGTCATCATTGGCATCACCATAAACCGTTGGAT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031125
Insert Size: 897 bp



[View online >](#)

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_031125.1 , NP_112387.1
RefSeq Size:	973 bp
RefSeq ORF:	897 bp
Locus ID:	81803
UniProt ID:	Q08850
Cytogenetics:	1q37
Gene Summary:	involved in docking of synaptic vesicles at presynaptic active zones [RGD, Feb 2006]