

Product datasheet for RN214053

Stx3 (NM_031124) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stx3 (NM_031124) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stx3
Synonyms:	Stx3a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214053 representing NM_031124 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGGACCGACTGGAGCAGCTGAAGGCCAAGCAGCTGACGCAGGATGATGACACGGACGAGGTTGAGA
TTGCTATTGATAATACAGCGTTCATGGATGAGTTCTTTTCTGAGATTGAGGAAACGAGGCTCAACATCGA
CAAGATCTCAGAGCATGTGGAGGAAGCTAAGAACTCTACAGTATCATTCTCTGCACCGATTCCAGAG
CCAAAAACCAAAGACGACCTTGAACAGCTCACAACCTGAGATCAAGAAAAGGGCCAACAACGTCGGGAACA
AACTGAAGAGCATGGAGAAGCATATTGAGGAAGACGAGGTCGGTCATCAGCAGACCTTCGGATACGAAA
GTCCCAGCACTCCGTCCTCTCCCGGAAGTTTGTGGAGGTGATGACAAAGTACAATGAGGCACAGGTGGAC
TTCCGTGAACGCAGCAAAGGGCGCATCCAACGGCAGCTTGAAATTAAGTGGCAAGAAAACAACAGATGAGG
AGCTGGAAGAAATGTTGGAGAGTGGCAACCCAGCCATCTTCACTTCTGGGATCATTGACTCCCAGATTTT
CAAGCAAGCCCTCAGCGAGATTGAGGGTCGGCACAAGGACATCGTGAGGCTGGAGAGCAGCATCAAGGAG
CTCCATGACATGTTTATGGACATCGCCATGCTGGTGGAGAATCAGGGTGAGATGTTAGATAACATAGAGT
TGAATGTCATGCACCGGTGGACCATGTGGAGAAGGCACGGGATGAACTAAAAGAGCCATGAAGTATCA
GGGTCAGGCTCGAAAGAAATTGATAATTATCATTGTGATAGTAGTTGTGTGCTGGGCATTTTAGCGTTG
ATTATTGGATTGTCGGTGGGCTGAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_031124
Insert Size:	870 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_031124.1 , NP_112386.1
RefSeq Size:	1054 bp
RefSeq ORF:	870 bp
Locus ID:	81802
UniProt ID:	Q08849
Cytogenetics:	1q43
Gene Summary:	nervous-system specific protein; may be a component of the SNARE complex; involved in docking and fusion of synaptic vesicles to the plasma membrane; crucial for exocytosis in the nervous system [RGD, Feb 2006]