

Product datasheet for **RN205885**

Stx7 (NM_021869) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stx7 (NM_021869) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stx7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205885 representing NM_021869 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTTACACTCCGGGATTGGTGGGGACCTGCCAGCTGGCGCAACGCATCTCCTAACATCCAAA
AGATCACACAGTGTCCGCGAAATACAAAGGACTCTGAATCACTGGGAACACCTCAGGATACCCGGA
GTTGAGGCAACAGCTGCAGCAGGAGCAGCAGTACTAACAACCTGCGAAAGAAACAGATAAGTACATT
AAGGAGTTTGGCTTTCTGCCACCACCCCAAGTGAACAGCGTCAAAGGAAGATACAGAAAGACCGATTGG
TGGCAGAATTCACCACAGCGCTAACAACTTTCAGAAAGTGCAGAGGCAAGCTGCTGAGAGAGAGAAAGA
GTTCTGGCCCGAGTGCAGGCCAGTTCCAGAGTATCGGGTGGCTTTCCTGAAGACAGCTCAAAGAGAAG
AATTTTGTATCTTGGAAAGCCAAACACAGCCTCAAGTCAAGTCCAAGATGAAGAAATCACAGAGGATG
ACCTCCGGCTCATTATGAGAGAGAGTCTTCAATCAGACAGCTGGAAGCTGACATTATGGACATTAACGA
AATATTCAAAGACTTGGGGATGATGATTCATGAACAAGGAGATGTTATTGACAGCATAGAAGCCAATGTA
GAAAGTGCAGGAAATTCAGTACAGCAGGCAAACCAGCAGCTGTCAAGAGCGGCAAATTATCAGCGCAAAT
CCAGAAAACCTCTGCATCATCTTTAATCCTGGTGGTGGAAATCGTGATCATCTTCTCATCGTATG
GGTCTGAAAGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_021869
Insert Size:	786 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_021869.2 , NP_068641.2
RefSeq Size:	2103 bp
RefSeq ORF:	786 bp
Locus ID:	60466
UniProt ID:	O70257
Cytogenetics:	1p12
Gene Summary:	component of the SNARE complex; crucial for vesicle docking and fusion events with membrane; important for exocytosis and protein trafficking [RGD, Feb 2006]