

Product datasheet for RN212763

Stx5 (NM_031704) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stx5 (NM_031704) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stx5
Synonyms:	Stx5a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212763 representing NM_031704 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATCCCGCGAAACGCTACGGATCTAAGAACACGGATCAGGGTGTCTACCTGGGTCTCTCAAAGACAC
AGGTTCTGTCCCCTGCAACTGCTATCAATAGCAGCAGTGACATCGCTCCTTTGCCACCCCGGTGGCCCT
GGTCCCCTCCCCTCCCGACACTATGTCTGCCGGGATCGGACCCAGGAGTTCCTGTCTGCCTGCAAGTCG
CTGCAGAGCCGTCAGAATGGAATCCAAACAATAAACCAGCTCTGCACGCTACCCGGCAGTGCAGCGAGT
TTACCCTCATGGCCAGGCGCATTGGGAAAGATCTCAGCAATACATTTGCCAAGCTGGAGAAGCTAACAA
CCTGGCAAAGCGCAAGTCCCTCTTTGATGATAAAGCAGTAGAAATTGAGGAACTAACATACATCAAAA
CAGGACATCAATAGCCTCAACAACAATAATGCTCAGCTCAAGATTTTGTGAGGGCCAAGGGCAGCCAGA
GTGGCCGGCATCTGCAGACCCATTCCAACACCATTGTAGTTTCATTGCAGTCAAACTGGCTTCCATGTC
CAATGACTTCAAGTCTGTTTTGGAAGTGAGGACTGAAAATCTGAAACAGCAGAGGAACCGTCGGGAACAG
TTCTCCAGGGCGCCAGTGTCCGCACTGCCTCTGGCCCCAACACCTTGGAGGTGGTCCCATAGTTCTGG
GAGGAGAGTCCCAGCCCTCCAGGGACGTGGCCATCGACATGATGGACCCTAGAACAGCCAGCAGCTTCA
GCTCATTGATGAGCAGGATTCATACATCCAGAGTCGGGCAGACACCATGCAGAACATTGAGTCTACAATT
GTTGAGCTGGCTCCATTTTTCAACAATTGGCACACATGGTTAAAGAACAGGAGGAAACAATTCAGAGGA
TTGACGAGAAATGTGCTTGAGCCAGCTGGATGTTGAGGCCGCCATTCAGAGATCCTCAAGTACTTCCA
GTCAGTCACTCCAATCGGTGGCTCATGGTCAAAATCTTCTCATCTCATTGTCTTCTCATCATCTTT
GTGGTCTTCTTGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_031704
Insert Size:	1068 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).
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_031704.2 , NP_113892.2
RefSeq Size:	1807 bp
RefSeq ORF:	1068 bp
Locus ID:	65134
UniProt ID:	Q08851
Cytogenetics:	1q43
Gene Summary:	component of the target-membrane associated SNARE (t-SNARE) complex; binds synaptobrevin/VAMP; plays a role in vesicular transport from the endoplasmic reticulum to the golgi [RGD, Feb 2006]