

## Product datasheet for **RN210676**

### Stx17 (NM\_145723) Rat Untagged Clone

#### Product data:

|                      |   |
|----------------------|---|
| Product Type:        | Expression Plasmids   |
| Product Name:        | Stx17 (NM_145723) Rat Untagged Clone  |
| Tag:                 | Tag Free  |
| Symbol:              | Stx17   |
| Vector:              | pCMV6-Entry (PS100001)  |
| E. coli Selection:   | Kanamycin (25 ug/mL)  |
| Cell Selection:      | Neomycin  |
| Fully Sequenced ORF: | >RN210676 representing NM_145723<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCCGAAGATGAGGAAAAGGTGAAGCTACGCAGGCTTGAACCAGCCATCCAGAAATTCACCAAGATCG  
TGATCCCAACAGACCTGGAGAGGCTAAAGAAGCACCAGATAAACATCGAGAAGTATCAACGGTGCAGAAT  
CTGGGACAAGTTGCATGAAGAGCACATCAATGCCGGCGCACTGTTCCAGCAACTGGCTCCAATATCCGA  
GAAATGGAGAAGCTTTGCTTAAAAGTGCACAAAGATGATCTGATCCTTTTGAAGCGAATGATAGATCCTA  
TGAAGGAAGCAGCAGCAGCCGCCACAGCCGAGTTTCTCCAGCTCCACTTGAATCTGTGGAAGAAGTCAA  
GAAACAAGTCAAGAATGAAGAAGCTTTACTACAGCCTTCTCTGACCAGATCCACAACATTGATGGAGTC  
CACACTGGAGAGGCTGAAGCTGCTTCCCAGAGTCTGACTCAGATATATGCCTTGCCTGAAATTCCTCGAG  
ACCAAAATGCTGCTGAGTCTGGGAAACCTTAGAAGCGGACTTAATTGAGCTTAGCCATCTGGTCAACCGA  
TATGTCCTCCTAGTAAATTCAGCAGGAGAAGATTGACAGCATTGCAGACCATGTCAACAGTGTCTGCT  
GTGAATGTTGAAGAGGGAACCAAAAACCTGCAGAAGGCTGCAAAAACAAGCTGGCAGCCCTGCCTGTGG  
CAGGTGCAGTCATCGGAGGAGTGGTGGGGGTCCCATCGGCCTCCTCGCAGGCTTCAAAGTGGCAGGAAT  
TGCAGCTGCACCTGGTGGTGGGGTGTAGGCTTACAGGTGGAATAATGATACAAAGAAGGAAACAGAAA  
ATGATGGAGAAGCTCACTTCCAGCTGTCCAGATCTCCCTAGCCAAAGTGACAAAAATGCAGT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                    |           |
|--------------------|-----------|
| Restriction Sites: | Sgfl-MluI |
| ACCN:              | NM_145723 |
| Insert Size:       | 906 bp    |



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|                               |   |
|-------------------------------|---|
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u>NM_145723.1, NP_663775.1</u>   |
| <b>RefSeq Size:</b>           | 1678 bp   |
| <b>RefSeq ORF:</b>            | 906 bp  |
| <b>Locus ID:</b>              | 252853  |
| <b>UniProt ID:</b>            | <u>Q9Z158</u>   |
| <b>Cytogenetics:</b>          | 5q22  |
| <b>Gene Summary:</b>          | member of the syntaxin family; may be involved in membrane trafficking [RGD, Feb 2006]  |