

Product datasheet for RN211546

Slc30a3 (NM_001013243) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Slc30a3 (NM_001013243) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Slc30a3
 Synonyms: ZnT3
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN211546 representing NM_001013243
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAACCTTCTCCGGCCAGCGGAGGCTCGGAGACCACCCGCCTAGTGAGTCCCCGAGACCCGAGCAGCG
 CCGGCCGGCCCTGCGATTGAAGAGTCTTTTCACAGAGCCCTCAGAGCCCCTGCCGGAGGGGCCAAAGT
 TGAGGGGATGGCCTTCCACCACTGCCACAAGAACCGCGTGTCTCAGTCAGGCCTCTCTCCAGAGAGGGCG
 CAGGCCCGGAGGAGCTGTATGCTGCCTGCGTCGTGTGCTTCATCTTCATGGCTGGGAGGTGGTTGGTG
 GGTATTTAGCACACAGCTTGGCCATCATGACCGACGCCCGCCCACTTGTGGCAGACATAGGCAGTATGAT
 GGCCAGCCTCTTTCCCTCTGGCTCTCTACTCGGCCAGCCACCCGCACCATGACCTTTGGCTGGCACCCG
 TCAGAGACTCTGGGAGCTTTGGCCTCCGTGGTCTCCCTCTGGATAGTCACCGGCATCCTCCTGTACTGG
 CTTCTCCCGCTGCTTACAGTGACTACCACATTGAGGCGGGCCATGCTGCTGACTGCCAGCATTGC
 TGTCTGTGCCAACATGATAATGGCCTTTGTGCTGCACCAGACTGGAGCCCCACAGCCACGGACCTAGG
 GGTGCAGAGTATGCACCACTGGAGGAGGGCACGGCACCCACTGTCCCTGGGAAACACCACTGTCCGGG
 CTGCCCTTTGTGCATGTGCTGGGAGATCTCCTTCAGAGCCTCGGGGTCTGGCCGCCTCTATCCTCATCTA
 CTTCAAGCCCCAGTACAAGGTGGCCGACCCCATCAGCACCTTCTCTTCTATCTGCGCCCTTGGGTCC
 ACAGCTCTACACTTCGAGATGTTCTCCTCGTCTCATGGAAGGTGCCCTCGGAGTGTGGAATTTGAGC
 CTGTAAGGGACACCTTGTGTGCTGCTGCGGGTGTCCGAGCCACCCATGATCTCCACCTGTGGGCGTGC
 GCTTACTTACCACGTTGCCTCCGCACACCTGGCTATTGACTCCACGGCTGACCCTGAAGCCATCCTGGCT
 GAAGCCTCATCCCGCTCTATTCCCGTGGATTCTCTAGCTGCACCCTGCAGGTGGAGAAATACCGGT
 CTGAGATGGCCCACTGTCTCGTGCCTGGGAGCCCCCAAGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001013243
Insert Size:	1167 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:	<u>NM_001013243.1, NP_001013261.1</u>
RefSeq Size:	1690 bp
RefSeq ORF:	1167 bp
Locus ID:	366568
UniProt ID:	<u>Q6QIX3</u>
Cytogenetics:	6q14
Gene Summary:	Involved in accumulation of zinc in synaptic vesicles.[UniProtKB/Swiss-Prot Function]