

Product datasheet for **MC210243**

Slc9a3r2 (NM_023449) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc9a3r2 (NM_023449) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc9a3r2
Synonyms: 0610011L07Rik; 1200011K07Rik; 2010007A20Rik; E3karp; NHERF-2; Nherf2; Octs2; Sip-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210243 representing NM_023449
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTCGCTCCAGGACTAGCATGCTGCCTGCCTCAGCCCCAGGAGCCCCCTCTGTGAACCTCAACTGG
GGCTTACTCAGGATGTCAATGGGCCCAAGAGAGCTGCGTCCCCGGCTCTGCCACTTGCGAAGGGGACC
CCAGGGCTACGGTTCAACCTGCATAGTGACAAGTCCCGCCTGGCCAGTACATCCGCTCTGTGGACCT
GGCTCTCCTGTTCTCACTCTGGCTCCGTGCCAGGATCGGCTCATTGAGGTGAATGGGCAGAAGCTGG
AGGGGCTGCGACATGCCGAGTTGTCGCCAGAATCAAGGCACAGGAGGACGAGGCCCGGCTGCTGGTAGT
CGATCCTGAGACTGATGAACACTTCAAGCGTTGAGGGTCATACCCACTGAGGAACATGTAGAAGGTCCA
CTGCCATCACCAGTCACGAACGGGACCAGTCTGCCAGCTCAATGGTGGCTCTGTGTGCTCATCCCGAA
GTGACCTGCCAGGCTCAGAGAAGGACAATGAGGATGGCAGTACCTGGAAGCGAGACCCCTCCAGGAAAG
TGGCTCCACCTGAGTCCCACAGCAGCTGAGGCCAAGGAGAAGGCTCGAGCTACTCGGGTCAACAAGCGG
GCACCACAGATGGACTGGAACCGGAAGCGAGAGATCTTCAGCAACTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_023449
Insert Size: 681 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_023449.3 , NP_075938.2
RefSeq Size:	1688 bp
RefSeq ORF:	681 bp
Locus ID:	65962
UniProt ID:	Q9JHL1
Cytogenetics:	17 A3.3
Gene Summary:	<p>Scaffold protein that connects plasma membrane proteins with members of the ezrin/moesin/radixin family and thereby helps to link them to the actin cytoskeleton and to regulate their surface expression. Necessary for cAMP-mediated phosphorylation and inhibition of SLC9A3. May also act as scaffold protein in the nucleus (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (B) differs in the 5' UTR and 5' coding region, compared to variant A. The resulting isoform (B) has a shorter and distinct N-terminus, compared to isoform A.</p>