

## Product datasheet for MC217817

### Slc9a3r2 (BC065778) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Slc9a3r2 (BC065778) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Slc9a3r2  
**Synonyms:** E3karp, Sip-1, Tka-1, Octs2, NHERF-2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >BC065778  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTCGCTCCAGGACTAGCATGCTGCCTGCCTCAGCCCCAGGAGCCCCCTCTGTGAACCTCAACTGG  
 GGCTTACTCAGGATGTCAATGGCCCCCAAGAGAGCTGCGTCCCCGGCTCTGCCACTTGCGAAGGGGACC  
 CCAGGGCTACGGTTCAACCTGCATAGTGACAAGTCCCGCCTGGCCAGTACATCCGCTCTGTGGACCT  
 GGCTCTCCTGTTCTCACTCTGGCCTCCGTGCCAGGATCGGCTCATTGAGGTGAATGGGCAGAAGCTGG  
 AGGGGCTGCGACATGCCGAGTTGTCGCCAGAATCAAGGCACAGGAGGACGAGGCCCGGCTGCTGGTAGT  
 CGATCCTGAGACTGATGAACACTTCAAGCGTTGAGGGTCATACCCACTGAGGAACATGTAGAAGGTCCA  
 CTGCCATCACCAGTCACGAACGGGACCAGTCTGCCAGCTCAATGGTGGCTCTGTGTGCTCATCCCGAA  
 GTGACCTGCCAGGCTCAGAGAAGGACAATGAGGATGGCAGTACCTGGAAGCGAGACCCCTCCAGGAAAG  
 TGGCCTCCACCTGAGTCCCACAGCAGCTGAGGCCAAGGAGAAGGCTCGAGCTACTCGGGTCAACAAGCGG  
 GCACCACAGATGGACTGGAACCGGAAGCGAGAGATCTTCAGCAACTTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** BC065778  
**Insert Size:** 681 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>	<a href="#">BC065778</a> , <a href="#">AAH65778</a>
<b>RefSeq Size:</b>	1219 bp
<b>RefSeq ORF:</b>	680 bp
<b>Locus ID:</b>	65962
<b>Cytogenetics:</b>	17 A3.3
<b>Gene Summary:</b>	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]