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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC065778 Red=Cloning site Blue=ORF Green=Tags(s) TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCTCGCTCCAGGACTAGCATGCTGCCTGCCTCAGCCCCAGGAGCCCCTCCTGTGAACTCTCAACTGG GGCTTACTCAGGATGTCAATGGGCCCCCAAGAGAGCTGCGTCCCCGGCTCTGCCACTTGCGAAGGGGACC CCAGGGCTACGGGTTCAACCTGCATAGTGACAAGTCCCGGCCTGGCCAGTACATCCGCTCTGTGGACCCT GGCTCTCCTGCTTCTCACTCTGGCCTCCGTGCCCAGGATCGGCTCATTGAGGTGAATGGGCAGAACGTGG AGGGGCTGCGACATGCCGAGGTTGTCGCCAGAATCAAGGCACAGGAGGACGAGGCCCGGCTGCTGGTAGT CGATCCTGAGACTGATGAACACTTCAAGCGGTTGAGGGTCATACCCACTGAGGAACATGTAGAAGGTCCA CTGCCATCACCAGTCACGAACGGGACCAGTCCTGCCCAGCTCAATGGTGGCTCTGTGTGCTCATCCCGAA GTGACCTGCCAGGCTCAGAGAAGGACAATGAGGATGGCAGTACCTGGAAGCGAGACCCCTTCCAGGAAAG TGGCCTCCACCTGAGTCCCACAGCAGCTGAGGCCAAGGAGAAGGCTCGAGCTACTCGGGTCAACAAGCGG GCACCACAGATGGACTGGAACCGGAAGCGAGAGATCTTCAGCAACTTCTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	BC065778
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:	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:	BC065778, AAH65778
RefSeq Size:	1219 bp
RefSeq ORF:	680 bp
Locus ID:	65962
Cytogenetics:	17 A3.3
Gene Summary:	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]

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