

Product datasheet for **RN205507**

Slc9b2 (NM_001109385) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc9b2 (NM_001109385) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc9b2
Synonyms:	Nhedc2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205507 representing NM_001109385
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGAGGATGAAGATCAGACAGTTGAATGTCTAGTATTCAAAGCCACCCCTGGAACCACTCACGCGCTT
 CTCGACATCACGAAGTGCAGGAGGAGAGTACGAACCTCAAAAGTCCAGATGGAAATGAACCGACGGA
 AGACAGTAACCTGCTGACCGCGGGGAGAAAAAGCCCCAGGACTCACTAGCGGAACCCAGAAGCCTGCAG
 AGTCCAAGGCGATTCTGGCCTGCCCTCCACACGGCCGGCTGGCCGAGTGATACTAATGGTACCATGG
 TTGTTCTCTATGGGCCGTGGTTTGGTCAATTACGGGCCCTGAATGTCTTCTGGAGGAAATCTGTTTGG
 AATTATAATCCTCTTCTATTGCTCCATACCGGAGGTAACTTTTGGACTCATTAAAGTTTCCAACGTTG
 CCTCTCTGCCTCTTCTTGGCATGTCTAGCTGGGTTTCTTGGAGAACGTCACGTCATCAGTG
 ATAATGTCCGCATCCAGCACAAGTGGTCTCATCTTTGAGAAGCATAGCCCTTTCTGTCTTCTGGTTCTG
 TGCTGGCCTCGGTCTGGATTCAAAGGCCCTGAAGAAGTGAAGGGTGTGTGTGTGCGACTGGCCATGGGT
 CCTGTCATCGTGAGGCCGTGTGCGTCTGCCCTTCTCTCACTTCTCTGATGGGGTTGCCATGGCAATGGG
 GGTTTCATCCTGGGTTTGTCTGAGGTGTGTGTCTCTGCTGTTGTGGTGCCTTCAATGCTCCTTTTGCA
 GGAAGGAGGCTATGGTGTGAAAAGGGAATCCCACTTTACTCATGGCTGCTGGCAGCTTCGATGACATC
 CTGGCCATCACCGGCTTCAACACGTGCTTGGGTGTGGCCTTTTCCACAGGGTCTACAGTTTTTAACATCT
 TCAGAGGCATCTTGAGGTGGTAATTGGTGTGGCGACTGGATCTCTTCTTGGGTTTTTATCCAGTACTT
 TCCCAGCAGGGACAGGACAACCTCGTGTGGAAGCGAGCCTTCTGGTTCTGGGCTTTGCTGTGCTAGCT
 GTGTTTACGAGTGAATTTTTAGCTTCCCGGGTTCAGGAGGACTGTGCAGTTGGTCTAGGCTTTCTAG
 CAGGCATGAGGTGGACTGACAAGAAGTCAGAGGTGGAAGATCATTGCATTACCTGGGACGTTTTCCA
 ACCTCTTCTTTTGGCCTGATTGGAGCAGAGGTATCCATTGCGTCTCTCAGAGCAGAAACGGTTGGCCTT
 TGTGTTGCAACCTTGGCATTGCAGTGTGATACGGATTCTGACTACATTCTGATGGTGTGTTTGTCTG
 GTTTTAACATAAAGGAAAAGATATTTATTTCTTTTGCCTGGCTTCCAAAGGCCACGGTCCAGGCTGCCAT
 TGGCTCTGTGGCTCTGGACACAGCGAGATCCCATGGAGAGAAGCAGCTAGAAGACTATGGGATGGATGTG
 CTGACGGTAGCATTTTGGCCATCCTCATTACAGCACCAATTGGAAGCCTACTGATTGGTTTGTGGGTC
 CCAGGGTACTTCAGAAATCTGAACATCGAAACGAAGAAGAGGTTCAAGGAGAGACTTCTGCACACGTTCA
 GAGGAAGTCTGGGATTCCGTGACAGAAGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109385

Insert Size: 1644 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:

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_001109385.2](#), [NP_001102855.1](#)

RefSeq Size: 2011 bp

RefSeq ORF: 1644 bp

Locus ID: 679958

Cytogenetics: 2q43