

Product datasheet for **RN216828**

Slc9b1 (NM_001173973) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc9b1 (NM_001173973) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc9b1
Synonyms:	Nhedc1; Nhedc2; RGD1305087
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216828 representing NM_001173973
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCGAGTCCAACATAGAAGTAGACAAGAAGGATGATCATCTCCAATCATCTATAACTGATCAGGCTC
 CTGAAGAACCAGAACCGAAGGTACCACAAATGAAAGAATCAAAAATGAAGGAAACACAAACGACCAAAT
 AGAAACAGAGGAATGGGAAAGAGAACACAGCAGTACAAGTAGTTTCTGTCTCCACAGGGAACAGTAAAT
 AAAACAATTACCGATGGAGTTACTCATTGTATTATGGATTCTACTCTGGGCCCTTATAGGTCAAGAAG
 TTCTCCCTGGTGGAAATTTGTTGGGCTGTAGTTATTTTTTACAGTGCTTTTCTGGGGCAAAATTTAT
 AGAAGTCATTAGAATTCCTGTAGTACCTCCCTCCACCTCTTCTGGGATGTTACTGGCTGTTTCACC
 ATCAGGAACGTTCCGATCTTTACAAATTTGTCCATATTCCTACCTCATGGTCTTCAGCTTAAAGAAACA
 CTGCCCTTACTATTATCCTAATACGAGCTGGGCTTGGACTGGACCCACAGGCTTTGAAGCATCTGAAGGG
 AGTTTGTCTGAGATTGCTCTCGGTCCATGCCCTTAGAGGCGTGTTCAGCTGCTTTTTCTCCACTTC
 ATTATGAACCTTCTTGGCAATGGGGTTCCTATTAGTTTTGTTCTAGGTGCTGTCTCTCTGCTGTTG
 TCGTTCACCAACATGCTGCTGTTGCAAGAGAACGGATATGGTGTGAGAAGGGCATTCCAACCTTACTAGT
 GGCTGCTAGCAGTATGGATGACATCGTGGCCATCACTGGATTCAACACATTCTTGAGCATAGTCTTTTCT
 TCGGGTAGTGTAATTAGCAATATCCTATCATCTTTGCGGGATGTTCTTATTGGCGTGTGGTAGGAGTTG
 TTATGGGAATTTTTGTTCAAGTATTTTCCAAGTAGAGATCAGGAGAGACTTACACAGAGGCGAGCCTTCT
 AGTTCTGAGTATGTGTGTTTCTGCTGTCTTAGGCTGTGAGCATTGGCTTACACGGATCTGGAGGACTG
 GTGACACTAGTGCTGTCTTTCATGGCAGCAAAACGATGGGCTGAAGAGAAGGTTGGAGTCCAAAAACTTG
 TTGCAAAACACATGGAATATTTTTACGCCCTTCTTTTTGGCTTAGTTGGAACAGAAGTGTCTGTTGATG
 TCTTGAATCGAAAACATTTGGCATGTGCATTGCTACCCTGTGTTGGCACTGCTTGTTCGAATCTTAGCC
 ACTTTCGTGCTGATGCTTTTGTAACCTTTCGTTTTATGGAGAAAGTATTTATTGCTTTATCATGGATCC
 CTAAGGCTACAGTCCAGGCTGTCTTGGGCCCTCTAGCTCTAGAAACAGCAAGGGTCATGGCACCCCACTT
 GGAAGGATATTCAAGGAATGTGATGACAGTGGCCTTTCTAGCAATCCTGATTACAGCTCCAAATGGAGCC
 CTCATCATTGGCATACTGGGACCCAAAGTACTTGATCATAGTGAGGAGACATTCCCTTTAAAGTGGAGC
 TTTCAAACCTTTCATAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001173973

Insert Size: 1560 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001173973.1](#), [NP_001167444.1](#)

RefSeq Size: 2254 bp

RefSeq ORF: 1560 bp

Locus ID: 365946

Cytogenetics: 2q43