

Product datasheet for **RN201760**

Sdc2 (NM_013082) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sdc2 (NM_013082) Rat Untagged Clone
Tag: Tag Free
Symbol: Sdc2
Synonyms: HSPG
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201760 representing NM_013082
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCGGGTACGAGCCACGTCCCCGGGAATATGCAGCGTGCCTGGATCCTGCTCACCTTGGGCTTGATGG
CCTGTGTGTCGGCAGAGACGAGAGCAGAGCTGACATCTGATAAGGACATGTACCTTGACAGCAGCTCCAT
TGAGGAAGCTTCAGGATTATATCCTATTGATGATGATGACTATTCTTCTGCCTCTGGCTCAGGAGCTTAT
GAAGACAAAGGGAGTCCAGATCTGACAACATCCCAACTGATTCCAAGGATCTCCCTCACTAGTGCTGCTC
CCGAAGTGAAAACCATGACGTTGAAGACACAAAGCATCACACCCACTCAGACCGAGTCACCCGAAGAAAC
TGACAAGAAGGAGTTTGAATCTCTGAGGCAGAAGAAAAGCAGGACCCTGCTGTAAAAAGCACAGACGTG
TACACCGAGAAACATTCAGACAACTGTTCAGCGGACGGAAGTTCTAGCAGCTGTATTGCTGGCGGTG
TGATTGGCTTTCTTTGCCATTTCTCATCTGTTGTTGGTGTACCGCATGCGGAAGAAAGACGAAGG
AAGCTACGACCTTGAGAACGCAAACCGTCCAGCGCAGCTTACCAGAAGGCACCCACTAAGGAGTTTTAT
GCAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013082
Insert Size: 636 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_013082.3 , NP_037214.1
RefSeq Size:	2153 bp
RefSeq ORF:	636 bp
Locus ID:	25615
UniProt ID:	P34900
Cytogenetics:	7q22
Gene Summary:	heparan sulfate proteoglycan core protein; may play a role in cell-cell interactions [RGD, Feb 2006]