

Product datasheet for MC203747

Sdc4 (NM_011521) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sdc4 (NM_011521) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sdc4
Synonyms:	AA959608; AW108331; ryudocan; S4; Synd4; syndecan-4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC005679 GTTGAAGCCATGGCGCCTGCCTGCCTGCTTGCGCCGCTGCTGCTGCTCCTCGGAGGCTTCCCCTTGG TCCC CGGAGAGTCGATTGAGAGACAGAGTTCATCGACCCCGAGGACCTCCTGGAAGGCAGATACTTCTC TGGAGCCCTCCCGACGACGAAGATGCTGGCGGCTCGGATGACTTTGAGCTCTCGGGTCTGGAGATCTG GATGACACGGAGGAGCCAGGCCCTTCCCTGAAGTGATTGAGCCCTTGGTGCCACTGGATAACCACATCC CTGAGAATGCACAGCCTGGCATCCGTGTCCCTCAGAGCCCAAGGAACTGGAAGAGAATGAGGTCATTCC TAAAAGGGCCCCCTCCGACGTGGGGATGACATGTCCAACAAAGTATCCATGTCCAGCACTGCCAGGGC AGCAACATCTTTGAGAGAACTGAGGTCTTGGCAGCTCTGATCGTGGCGGCGTGGTAGGCATCCTCTTTG CCGTTTTCTGATCCTGCTGCTGGTGTACCGCATGAAGAAGAAGGACGAAGGCAGTTACGACTTGGGCAA GAAACCCATCTACAAAAAGCCCCACCAATGAGTTCTACGCATGAAGCTTCTCCCGCAGCGCTGCTT GGACTTATTGGGAGAGGAGTGGAGGGTTGTGGGTGGCGGCGTTGGCAGAGAGCAGCAGGCACCTTAAT GCTGACTTGTGAGTATCTCCATCTCTAGTACCTTTCTGGTGTGTCAGAAGAGATGTGATCTTCTACTGTGC TGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGGCTGTGTCTGTGTGTG TCTCAGTTGCTCTGGCAGAAAAATGGGGTTAAACTTGGCCCTTTCTGAAGGCAAGCCTAGAATTGGGTCTT TTGTTGTCATTGTTCCAAATTTCCAGAATAGAATATAGGACCAGTTTAGATCCTGTAGTAAACATGTCCC ATCTATGACTGCCTTGATTATAGAGGCAAGGGTTACTGTGTGAATCCCGGCTCCCTCCACATGCTGTA CACCTATCCATCTGTGAGGAGCTGGGGCAAGGAGCCAGAACCCTCTGCGCTTGAGATGAGTCTGCCAT GAGAACCTGCTCACGCTGCAGAGTCTCTGTGGCGTACCTGGGGCATTCTAAGTCCAGTGACTTTTGAAA TTCAACCTTTTTTAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_011521
Insert Size:	597 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:	<u>BC005679</u> , <u>AAH05679</u>
RefSeq Size:	1219 bp
RefSeq ORF:	597 bp
Locus ID:	20971
UniProt ID:	<u>O35988</u>
Cytogenetics:	2 85.16 cM
Gene Summary:	Cell surface proteoglycan that bears heparan sulfate. Regulates exosome biogenesis in concert with SDCBP and PDCD6IP.[UniProtKB/Swiss-Prot Function]