

Product datasheet for RN203545

Sdf4 (NM_130412) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sdf4 (NM_130412) Rat Untagged Clone
Tag: Tag Free
Symbol: Sdf4
Synonyms: MGC93237
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203545 representing NM_130412
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTTCGCGGGCGCCAACTGCGCTCCCAGACCCGGCGTATCAGAAAGCCGGGGAGTCCCGTGGTCT
 GGCTGGCGGCAATGACGTCCAGGCAGAGTCCCTCTGTGGTCTGGCTGCTCATGGCCTCTGGTTCTTGGG
 CCTTGTCTTCTGATGGATGCAACTGCTAGACCTGCCAACCCTCATTTTCTCGGGAAAGAGCAGCCAAC
 AGGGATGAAAATGAGATCATACCCCGAGACCCTTGAATGGGGTGAAGCTGGAGATGGATGGACACCTCA
 ATAAGGACTTCCATCAGGAGTTTTCTGGGAAAGGACATGGATGGGTTTGATGAGGACTCAGAGCCACG
 GAGAAGCAGGAGGAAGCTAATGGTCATCTTTCCAAGGTAGATGTGAACACTGACCGGAGGATCAGCGCT
 AAGGAGATGCAGCACTGGATTATGGAGAAAACAGCAGAGCACTCCAGGAGGCTGTCAAGGAGAACAAC
 TACACTTCAGGGCTGTGGACCCGATGGTATGGCCATGTGTCTGGGATGAATAAAAGTGAAGTTTTT
 GGCAAGCAAAGGCCACAATGAAAGGGAGATTGCCGATGCCATCAAGAATCAGGAGAGCTCAAAGTGGAT
 GAGGAGACACAGGAAGTCTTGGAACTCAGAGATCGCTGGTATCAGGCAGACAATCCTCCTGCAGACC
 TGCTGCTGACTGAGGACGAGTTCCTGTCTCCTTACCCTGAGCACAGCCGGGGCATGCTCAAGTTCAT
 GGTCAAAGAGATCGTTCGGGACTTGGACCAGGATGGTGATAAGCAGTTGTCTCTGCCTGAGTTCATCTCT
 CTGCCTGTGGTACTGTTGAGAACCAGCAAGGCCAAGACATTGACGACAACCTGGGTGAAAGACAGGAAGA
 AAGAGTTTGGGAACTGATTGATTCTAACCATGATGGGATTGTGACCATGGAGGAGTTGGAGAACTACAT
 GGACCCCATGAATGAATACAATGCCCTCAATGAAGCAAAACAGATGATTGCCATTGCTGATGAGAACCAG
 AATCACCATCTGGAGCCTGAGGAGATCCTCAAGTACAGTGAGTTCCTCACGGGCAGCAAGCTGATGGACT
 ATGCCCGCAATGTGCATGAAGAGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_130412
Insert Size:	1149 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:	<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>NM_130412.2</u> , <u>NP_569096.2</u>
RefSeq Size:	1455 bp
RefSeq ORF:	1149 bp
Locus ID:	155173
UniProt ID:	<u>Q91ZS3</u>
Cytogenetics:	5q36
Gene Summary:	mRNA expression increases in response to ethanol [RGD, Feb 2006]