

## Product datasheet for **SC115785**

### **SDF2 (NM\_006923) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SDF2 (NM_006923) Human Untagged Clone
Tag:	Tag Free
Symbol:	SDF2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115785 sequence for NM_006923 edited (data generated by NextGen Sequencing)

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ATGGCTGTAGTACCTCTGCTGTTGTTGGGGGTTTGTGGAGCGTGTGGGAGCGTCCAGC
CTGGGTGTCGTTACTTGC GGCTCCGTGGTGAAGCTACTCAATACGCGCCACAACGTCCGA
CTGCACTCACACGACGTGCGCTATGGGTCAGGTAGTGGGCAGCAGTCAGTGACAGGTGTA
ACCTCTGTGGATGACAGCAACAGTTACTGGAGGATACGGGGGAAGAGTGCCACAGTGTGT
GAGAGGGGAACCCCATCAAGTGTGGCCAGCCATCCGGCTGACACATGTCAACACTGGC
CGAAACCTCCATAGTCACCACTTCACTTCACTCTTTCTGGAACCAGGAAGTGAGTGCT
TTTGGTGAGGAAGGTGAAGGTGATTATCTGGATGACTGGACAGTGCTCTGTAATGGACCC
TACTGGGTGAGAGATGGTGAGGTGCGGTTCAAACACTTCCACTGAGGTAAGTCTGTCT
GTCACAGGAGAACAATATGGTCGACCTATCAGTGGGCAAAAAGAGGTGCATGGCATGGCC
CAGCCAAGTCAGAACAACACTACTGAAAAGCCATGGAAGGCATCTTCATGAAGCCCAGTGAG
TTGTTGAAGGCAGAAGCCACCATGCAGAGCTGTGA
```

Clone variation with respect to NM\_006923.2



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_006923 unedited</p> <pre>NAAAGTCGGAATTTGTATACGACTCCTATAGGCGGCCCGGAATTCGCACGAGGCGGGAG TGGGCGGGCCATTTCTTGTCTCTCTCCCGCTCTCGGAAGCTTTCGTCTCGTGGGTGCGA AAGGTAACCGAAGCGGCTCAGGAAGGCAGCTGTCACTGAGCCCTGGAACAGAGCGAGAG TATCGTAAGTAACCAGGCTCAGCCGTTTCTCAGGCCGCTCTAGTCAAATAAACCATAAA GATCAGACTCGGGCTTCTTCACTTCCTTCTCTCCGTGGTTTCGCCATTAGCTTCCGGTTC CGGGGAGGGGCCGAGTTTTCTTCAAGATTGGGGCTCCGCGATACAGTTAGGATGGCTG TAGTACCTCTGCTGTTGTTGGGGGTTTTGTGGAGCGCTGTGGGAGCGTCCAGCCTGGGTG TCGTTACTTGC GGCTCCGTGGTGAAGCTACTCAATACGCGCCACAACTCCGACTGCACT CACACGACGTGCGCTATGGGTGAGGTAGTGGGACGAGTCAGTGACAGGTGTAACCTCTG TGGATGACAGCAACAGTTACTGGAGGATACGGGGGAAGAGTGCCACAGTGTGTGAGAGGG GAACCCCATCAAGTGTGGCCAGCCATCCGGCTGACACATGTCAACACTGGCCGAAACC TCCATAGTCACCCTTCACTTCACTCTTTCTGGAACCAGGAAGTGAGTGTCTTTGGGAA GGAGTTGAAGGTGATTATCTGGATGACTGGACAGTGTCTGTAATGGACCCTACTGGGT GAGAATGGTTGAAGNCCGGTTCAAACACTTCCCCTGAAGTACTGCCTGNCCTGCCCA GGAGAACATAATGGTCTACTTTCAACGGCAATAAGAAGCTC</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_006923 unedited</p> <pre>ATGACCGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTAATAATAAAATTAT TGTTTTATCATTTTTGGAGAGAAAAATAGGGGAAAACACATACATTAACAGTCCATGAT GCCAAGCTCCTGAAGAGTAAAAGTTTCCAGCTAAGAGGGATGTTCCCTCAGTTTGTTT TATCAGTACTAATAAAAAGCATCTGCCCTTTACCAGCAAGTCTCTACTCAAAAAGAAC TGACCCACGCAAGTCTGGGAGAGTGACTAGTTCAAATGTGCAGGGCTGAAGCTTCCAAC ACAGCCACTATTTCTGTGGTATATCTTCACTCAATGGTGACATGGCCACTGCCAAGG AATTGTGGCAGGGATCCCAAGGTGAGGCAGCAACAGATGTCTGTGAACATTGTGCGTTA ACAGTGGCTCAGAGCCTTAGATTACAGCTTTGCATGGTGGGCTTCTGCCTTCAACAAC TCACTGGCTTCAAGATGCCTTCCATGGCTTTCCAGTAATTGTTCTGACTTGGCTGG GCCATGCCATGCACCTCTTTTGGCCACTGATAGGTGACCATATTGTTTTCTGTGACA GACAGCAGTTCCTTCAATGGAAAAGTGTGTAACCCGAACCTAATCCTTTTCCCCCAGT ATGGTCCATTCCATAACCCTGTCCATTATTCAGATATAAACTTTACCTTTCTTACACAAA GCCCTTACTTTTTGGTTTCCAAAAGTAGGGAATTGAACTTGTGACTTTGGGTGTTTCGCGC ACGTGTTCTTGGCAAGCGGATGGGCCCTCCCCATTTAGGGGGCCCCCTCCTCCCATC TGCCACCTTTCCCGCTCACTCTCAACCTGTGCTGCATACACAAAGTATACCCA</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_006923
<b>Insert Size:</b>	1420 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_006923.2](#), [NP\\_008854.2](#)

**RefSeq Size:** 1075 bp

**RefSeq ORF:** 636 bp

**Locus ID:** 6388

**UniProt ID:** [Q99470](#)

**Cytogenetics:** 17q11.2

**Domains:** MIR

**Protein Families:** Secreted Protein

**Gene Summary:** The protein encoded by this gene is believed to be a secretory protein. It has regions of similarity to hydrophilic segments of yeast mannosyltransferases. Its expression is ubiquitous and the gene appears to be relatively conserved among mammals. Alternate splicing results in both coding and non-coding variants. A pseudogene of this gene is located on chromosome 15. [provided by RefSeq, Dec 2011]  
Transcript Variant: This variant (1) represents the longer transcript and encodes the functional protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.