

Product datasheet for **SC215420**

SDF1 (CXCL12) (NM_199168) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SDF1 (CXCL12) (NM_199168) Human 3' UTR Clone
Symbol:	SDF1
Synonyms:	IRH; PBSF; SCYB12; SDF1; TLSF; TPAR1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_199168
Insert Size:	1607 bp



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Insert Sequence: >SC215420 3' UTR clone of NM_199168
 The sequence shown below is from the reference sequence of NM_199168. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

GTGGATTCAGGAGTACCTGGAGAAAGCTTTAAACAAG**TA**GCACAAACAGCCAAAAAGGACTTTCCGCTAG
 ACCCACTCGAGGAAAACCTAAACCTTGTGAGAGATGAAAGGGCAAAGACGTGGGGGAGGGGGCCTTAACC
 ATGAGGACCAGGTGTGTGTGGGGTGGGCACATTGATCTGGGATCGGGCCTGAGGTTTGCCAGCATTTA
 GACCCTGCATTATAGCATACGGTATGATATTGCAGCTTATATTCATCCATGCCCTGTACCTGTGCACGT
 TGGAACTTTTACTGGGGTTTTCTAAGAAAGAAATGTATTATCAACAGCATTTCGAAGCAGTTAGT
 TCCTTCATGATCATCACAATCATCATCATTCTCATTCTCATTCTTTTAAATCAACGAGTACTTCAAGATCT
 GAATTTGGCTTGTGGAGCATCTCCTCTGCTCCCTGGGAGTCTGGGCACAGTCAGGTGGTGGCTTAA
 CAGGGAGCTGGAAAAGTGTCTTTCTCAGACACTGAGGCTCCCGCAGCAGCGCCCTCCCAAGAGGAA
 GGCTCTGTGGCACTCAGATACCGACTGGGGCTGGGCGCCGCCACTGCCTTACCTCCTCTTTAACCTC
 AGTGATTGGCTCTGTGGCTCCATGTAGAAGCCACTATTACTGGGACTGTGCTCAGAGACCCCTCTCCCA
 GCTATTCTACTCTCTCCCGACTCCGAGAGCATGCTTAATCTTGCTTCTGCTTCTCATTCTGTAGCCT
 GATCAGCGCCGACCAGCCGGGAAGAGGGTGATTGCTGGGGCTCGTGCCTGCATCCCTCTCTCCAGG
 GCCTGCCCCACAGCTCGGGCCCTCTGTGAGATCCGTCTTTGGCCTCTCCAGAATGGAGCTGGCCCTCTC
 CTGGGGATGTGAATGGTCCCTGCTTACCCGAAAAGACAAGTCTTTACAGAATCAAATGCAATTTTA
 AATCTGAGAGCTCGCTTTGAGTGACTGGGTTTTGTGATTGCCTCTGAAGCCTATGTATGCCATGGAGGCA
 CTAACAAACTCTGAGGTTTCCGAAATCAGAAGCGAAAAAATCAGTGAATAAACCATCATCTTGCCACTAC
 CCCCTCTGAAGCCACAGCAGGGTTTCAAGTTCGAATCAGAATGTTGGCAAGGTGACATTTCCATGCAT
 AAATGCGATCCACAGAAGGTCCTGGTGGTATTTGTAACTTTTGCAAGGCATTTTTTATATATATTTTT
 GTGCACATTTTTTTTACGTTTCTTTAGAAAACAAATGATTTCAAATATATTTATAGTCGAACAATTC
 ATATATTTGAAGTGGAGCCATATGAATGTCAGTAGTTTATACTTCTCTATTATCTCAAATACTGGCAAT
 TTGTAAGAAATATATATGATATATAAATGTGATTGCAGCTTTTCAATGTTAGCCACAGTGATTTTTTC
 ACTTGTACTAAAATTGTATCAAATGTGACATTATGCACTAGCAATAAAATGCTAATTGTTTCATGGTA
 TAAACGCTCTACTGTATGTGGGAATTTATTTACCTGAAATAAAATTCATTAGTTGTTAGTGATGGAG

ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_199168.3](#)

Summary:

This antimicrobial gene encodes a stromal cell-derived alpha chemokine member of the intercrine family. The encoded protein functions as the ligand for the G-protein coupled receptor, chemokine (C-X-C motif) receptor 4, and plays a role in many diverse cellular functions, including embryogenesis, immune surveillance, inflammation response, tissue homeostasis, and tumor growth and metastasis. Mutations in this gene are associated with resistance to human immunodeficiency virus type 1 infections. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2014]

Locus ID:

6387