

[Go to Product page](#)

Datasheet for ABIN6388199

SDF2 Protein (AA 19-211) (His tag)

Overview

Quantity:	50 µg
Target:	SDF2
Protein Characteristics:	AA 19-211
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SDF2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPSSLGVVT CGSVVKLLNT RHNVRLLHSHD VRYGSGSGQQ SVTGVTSVDD SNSYWRIRGK SATVCERGTP IKCGQPIRLT HVNTGRNLHS HHFTSPLSGN QEVSAFGEEG EGDYLLDDWTV LCNGPYWVRD GEVRFKHSST EVLLSVTGEQ YGRPISGQKE VHGMAQPSQN NYWKAMEGIF MKPSELLKAE AHHAELHHHH HH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	SDF2
Alternative Name:	SDF2 (SDF2 Products)
Background:	SDF2, also known as stromal cell-derived factor 2, is believed to be a secretory protein. The

Target Details

amino acid sequence deduced from the murine clone and the human homolog are conserved more than 92 % , and the aa sequence of SDF2 shows similarity to those of yeast dolichyl phosphate-D-mannose, protein mannosyltransferases. Its expression is ubiquitous and the gene appears to be relatively conserved among mammals. Also, this protein is involved to stromal derived factors with SDF-1, SDF-4 and SDF-5. These are a loosely defined group of molecules that are generated by stromal cells. SDF group have prognostic value and warrant further investigation in their biological functions and clinical value. Recombinant human SDF2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 22.3kDa (202aa) 18-28kDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_008854](#)

UniProt: [Q99470](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: Liquid. In 50 mM Tris-HCl (pH 8.0) containing 10 % glycerol, 0.1M NaCl, 0.1 mM PMSF, 0.5 mM EDTA.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.