

Datasheet for ABIN7320352

SDF2 Protein (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	SDF2
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SDF2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse SDF2 Protein (His Tag)
Sequence:	Met 1-Leu 211
Characteristics:	A DNA sequence encoding the mouse SDF2 (Q9DCT5) (Met 1-Leu 211) was expressed, with a C-terminal polyhistidine tag.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	SDF2
Alternative Name:	SDF2 (SDF2 Products)
Background:	Background: Stromal derived factors (SDFs) are a loosely defined group of molecules that are generated by stromal cells. Two of the stromal derived factors, SDF-1 and SDF-4 belong to the chemokine family. Other SDFs, such as SDF-2 and SDF-5 are not well defined and their

Target Details

biological functions are less known. SDF-2 is first isolated from the mouse stromal cell line ST2 as a secretory protein. The amino acid sequence deduced from the murine clone and the human homolog are conserved more than 92 %, and the aa sequence of SDF-2 shows similarity to those of yeast dolichyl phosphate-D-mannose, protein mannosyltransferases. SDF-1 and its receptor are strongly indicated in the progression of various cancers including breast cancer. SDF-2, SDF2-L1, SDF-4, and SDF-5 are ubiquitously expressed in various cancer cell lines and SDF-2, SDF-4 and SDF-5 are expressed in mammary tissues. These SDFs have prognostic value and warrant further investigation in their biological functions and clinical value.
Synonym: AI853825

Molecular Weight: 22.8 kDa

UniProt: [Q9DCT5](#)

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

Application Details

Restrictions: For Research Use only

Handling

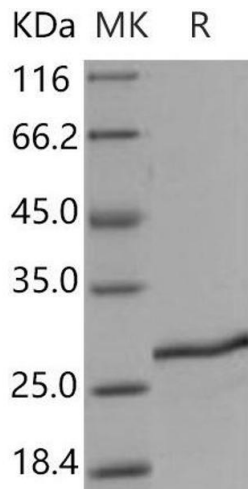
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.0

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.