

[Go to Product page](#)

Datasheet for ABIN7505512

CXCL12 Protein (AA 21-89) (GST tag)

Overview

Quantity:	100 µg
Target:	CXCL12
Protein Characteristics:	AA 21-89
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCL12 protein is labelled with GST tag.

Product Details

Sequence:	Gly 21-Lys 89
Characteristics:	A DNA sequence encoding the Rat SDF-1/CXCL12 protein (Q9QZD1) (Gly 21-Lys 89) was expressed with a N-GST tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	CXCL12
Alternative Name:	SDF-1 (CXCL12 Products)
Background:	<p>Background: CXCL12, also known as SDF-1, is a CXC chemokine that interacts with CXCR4. SDF-1 alpha and SDF-1 beta are alternatively spliced isoforms of CXCL12. SDF-1 beta has an additional 4 amino acids at the carboxy-terminus.</p> <p>Synonym: Cxcl12, Stromal cell-derived factor 1, SDF-1, TPAR1, C-X-C motif chemokine 12, Pre-B</p>

Target Details

	cell growth-stimulating factor,TLSF,Sdf1
Molecular Weight:	32.48 kDa
UniProt:	Q9QZD1
Pathways:	Regulation of Cell Size , CXCR4-mediated Signaling Events , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
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.
Expiry Date:	12 months