

[Go to Product page](#)

Datasheet for ABIN1880653 CXCL16 Protein (AA 27-201) (His tag)

Overview

Quantity:	50 µg
Target:	CXCL16
Protein Characteristics:	AA 27-201
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCL16 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse C-X-C Motif Chemokine 16/CXCL16/SR-PSOX (C-6His)
Sequence:	NQGSVAGSCS CDRTISSGTQ IPQGTLDIR KYLKAFHRCP FFIRFQLQSK SVCGGSQDQW VRELVDCFER KECGTGHGKS FHHQKHLPA STQTPEAAEG TPSDTSTPAH SQSTQHSTLP SGALSLNKEH TQPWEMTTLP SGYGLARPE AEANEKQDD RQQEAPGAGA STPAWVDHHH HHH
Characteristics:	Recombinant Human Mouse C-X-C motif chemokine 16/CXCL16 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Asn27-Trp201) of Mouse CXCL16 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CXCL16
Alternative Name:	CXCL16 (CXCL16 Products)
Background:	CXCL16 is a single-pass type I membrane protein, which consists of 246 amino acids, CXCL16 induces a strong chemotatic response and calcium mobilization. CXCL16 acts as a scavenger receptor on macrophages, which specially binds to oxidized low density lipoprotein. CXCL16 may involves in pathophysiology such as atherogenesis. Soluble CXCL16 may play an important role in liver metastases through the induction of epithelial-mesenchymal transition.
Molecular Weight:	20.1 kDa
UniProt:	Q8BSU2

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4 .
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.