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Datasheet for ABIN1691538
CXCL16 Protein (AA 27-201, C-Term)

Overview

Quantity:	50 µg
Target:	CXCL16
Protein Characteristics:	C-Term, AA 27-201
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Mouse IL-17A
Sequence:	NQGSVAGSCS CDRTISSGTQ IPQGTLDHIR KYLKAFHRCP FFIRFQLQSK SVCGGSQDQW VRELVDCFER KECGTGHGKS FHHQKHLPPA STQTPEAAEG TPSDTSTPAH SQSTQHSTLP SGALSLNKEH TQPWEMTTLP SGYGLLEARPE AEANEKQQDD RQQEAPGAGA STPAWVDHHH HHH
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:	Recombinant Mouse C-X-C Motif Chemokine 16/CXCL16 is produced by our mammalian

Target Details

expression system in human cells. The target protein is expressed with sequence (Asn27-Trp201) of Human CXCL16 fused with a polyhistidine tag at the C-terminus.

CXCL16 is a single-pass type I membrane protein, which consists of 246 AAs, 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: 16.2 kDa

UniProt: [Q62386](#)

Application Details

Restrictions: For Research Use only

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 20 mM PB, 150 mM NaCl, 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.