

**RMCM093**

Recombinant CXCL16 (C-X-C motif chemokine 16), Mouse  
, AF



5ug;20ug;100ug;500ug;

<b>Order</b>	021-34695924 orders@ab-mart.com
<b>Support</b>	400-6123-828 support1@ab-mart.com
<b>Web</b>	www.ab-mart.com.cn

**Synonym/Alternative name(s) :** SRPSOX

**Activity:**

Measure by its ability to chemoattract BaF3 cells transfected with mouse CXCR6  
The ED50 for this effect is <3 ng/mL.

**Protein Description:**

CXCL16 belongs to the CXC chemokine family and conducts signaling through the CXCR6 receptor. CXCL16 may act as an attractant of lymphocyte subsets during inflammation process and may facilitate certain immune responses. Among six cysteine residues of the chemokine domain, there are four highly conserved cysteine residues characteristic of CXC chemokines. The CXCL16 gene encodes a 273 amino acid polypeptide, which contains a 29 amino acid cytoplasmic domain and a 20 amino acids transmembrane sequence.

**Protein Accession :** Q8BSU2

**Gene ID :** 66102

**Expression Sequence:**

NQGSVAGSCSDRTISSGTQIPQGTLDHIRKYLKAFHRCPPFFIRFQLQSKSVCGGSQDQWVRELVDCEFERKECGTGHGKSFHHQKHLPL  
with polyhistidine tag at the N-terminus.

**Fusion tag :** His-tag?at?the?N-terminus

**Species :** Mouse

**Reactivity :** Mouse

**Expression Host :** Escherichia coli

**Source :** E. coli

**Purity/method:**

>98% as determined by SDS-PAGE. Ni-NTA chromatography

**Endotoxin level:**

<0.1 EU per 1 µg of the protein by the LAL method.

**Calculated Molecular Weight :** 10.74 kDa

**Formulation:**

The protein was lyophilized from a solution containing 1X PBS, pH 7.4.

**Reconstitution:**

It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

**Shipping :** Blue Ice

**Stability and Storage:**

Lyophilized protein should be stored at -20°C for 1 year.

Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months.

**Category :** Cytokines

**Application :** Cell culture, Elisa

**Image:**



SDS- PAGE analysis of recombinant mouse CXCL16