

ARG70444 Mouse CXCL16 recombinant protein (Active) (His-tagged, N-ter)

Package: 100 µg, 20 µg
Store at: -20°C

Summary

Product Description	E. coli expressed, His-tagged (N-ter) Active Mouse CXCL16 recombinant protein
Tested Application	SDS-PAGE
Target Name	CXCL16
Species	Mouse
A.A. Sequence	Asn27 - Pro114
Expression System	E. coli
Activity	Active
Activity Note	Determined by its ability to chemoattract BaF3 cells transfected with mouse CXCR6. The ED50 for this effect is < 3 ng/mL.
Alternate Names	CXCL16; C X C Motif Chemokine Ligand 16; SR PSOX; SRPSOX; CXCLG16; Scavenger Receptor For Phosphatidylserine And Oxidized Low Density Lipoprotein

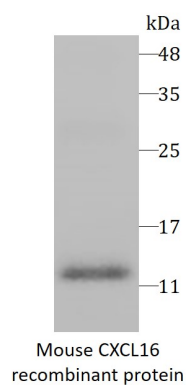
Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)
Buffer	PBS (pH 7.4)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CXCL16
Gene Full Name	C-X-C Motif Chemokine Ligand 16
Background	Enables chemokine activity. Involved in several processes, including positive regulation of cell growth; response to interferon-gamma; and response to tumor necrosis factor. Located in extracellular space. Biomarker of COVID-19 and systemic scleroderma.
Function	Acts as a scavenger receptor on macrophages, which specifically binds to OxLDL (oxidized low density lipoprotein), suggesting that it may be involved in pathophysiology such as atherogenesis (By similarity).
PTM	Disulfide bond, Glycoprotein

Images



ARG70444 Mouse CXCL16 recombinant protein (Active) (His-tagged, N-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70444 Mouse CXCL16 recombinant protein (Active) (His-tagged, N-ter)