

ARG70441

Mouse CXCL9 / MIG 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 CXCL9 / MIG recombinant protein
Tested Application	SDS-PAGE
Target Name	CXCL9 / MIG
Species	Mouse
A.A. Sequence	Thr22 - Thr126
Expression System	E. coli
Activity	Active
Activity Note	Determined by its ability to chemoattract BaF3 cells transfected with mouse CXCR3. The ED50 for this effect is < 0.3 µg/mL.
Alternate Names	CXCL9; C-X-C Motif Chemokine Ligand 9; SCYB9; Crg-10; Humig; CMK; MIG

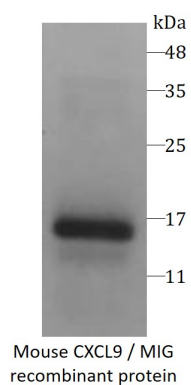
Properties

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	CXCL9
Gene Full Name	C-X-C Motif Chemokine Ligand 9
Background	This antimicrobial gene is part of a chemokine superfamily that encodes secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded is thought to be involved in T cell trafficking. The encoded protein binds to C-X-C motif chemokine 3 and is a chemoattractant for lymphocytes but not for neutrophils
Function	Cytokine that affects the growth, movement, or activation state of cells that participate in immune and inflammatory response. Chemotactic for activated T-cells. Binds to CXCR3.
PTM	Disulfide bond

Images



ARG70441 Mouse CXCL9 / MIG recombinant protein (Active) (His-tagged, N-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70441 Mouse CXCL9 / MIG recombinant protein (Active) (His-tagged, N-ter)