

ARG70437 Mouse CXCL3 / GRO gamma 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 CXCL3 recombinant protein
Tested Application	SDS-PAGE
Target Name	CXCL3 / GRO gamma
Species	Mouse
A.A. Sequence	Ala28 - Gln87
Expression System	E. coli
Activity	Active
Activity Note	Determined by its ability to chemoattract BaF3 cells transfected with human CXCR2. The ED50 for this effect is < 80 ng/mL.
Alternate Names	CXCL3; C-X-C Motif Chemokine Ligand 3; SCYB3; CINC-2b; MIP-2b; GROg; GRO3; Macrophage Inflammatory Protein 2-Beta; Chemokine (C-X-C Motif) Ligand 3; Growth-Regulated Protein Gamma

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	CXCL3
Gene Full Name	C-X-C motif chemokine 3
Background	This antimicrobial gene encodes a member of the CXC subfamily of chemokines. The encoded protein is a secreted growth factor that signals through the G-protein coupled receptor, CXC receptor 2. This protein plays a role in inflammation and as a chemoattractant for neutrophils.
Function	Has chemotactic activity for neutrophils. May play a role in inflammation and exert its effects on endothelial cells in an autocrine fashion. In vitro, the processed form GRO-gamma(5-73) shows a fivefold higher chemotactic activity for neutrophilic granulocytes.

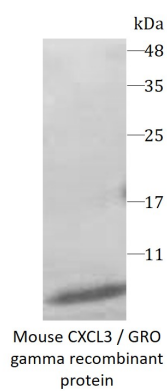
PTM

Disulfide bond

Cellular Localization

Secreted

Images



ARG70437 Mouse CXCL3 / GRO gamma recombinant protein (Active)
(His-tagged, N-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70437 Mouse CXCL3 / GRO gamma
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