# ARG70449
# Pig CXCL3 / GRO gamma recombinant protein (His-tagged, N-ter)

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

## Summary

| | |
|---|---|
| Product Description | E. coli expressed, His-tagged (N-ter) Pig CXCL3 recombinant protein |
| Tested Reactivity | Pig |
| Tested Application | SDS-PAGE |
| Target Name | CXCL3 / GRO gamma |
| Species | Pig |
| A.A. Sequence | Val24 - Ala111 |
| Expression System | E. coli |
| 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 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 |