

## 32-12104: Mouse GRO-alpha (CXCL1)

**Gene :** Cxcl1  
**Gene ID :** 14825  
**Uniprot ID :** P12850  
**Alternative Name :** Gro, Gro1, Mgsa, Scyb1, C-X-C motif chemokine 1, Platelet-derived growth factor-inducible protein KC, Secretory protein N51, KC-T

### Description

**Source:** Genetically modified E.coli.

**Predicted MW:** Monomer, 7.8 kDa (72 aa)

Growth regulated protein alpha (GRO-alpha), also known as CXCL1, is a chemokine that has mitogenic properties and is a neutrophil chemoattractant. GRO- alpha is secreted by macrophages, epithelial cells, neutrophils, and melanomas. GRO-alpha signals through the CXCR2 chemokine receptor and is important during spinal cord formation, inflammation, angiogenesis, tumorigenesis, and wound healing.

### Product Info

**Amount :** 20 µg / 100 µg  
**Purification :** Reducing and Non-Reducing SDS PAGE at >= 95%  
 Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)  
**Content :** Sterile water at 0.1 mg/mL  
**Storage condition :** Store at -20°C  
**Amino Acid :** APIANELRCQ CLQTMAGIHL KNIQSLKVLP SGPHTQTEV IATLKNRGREA CLDPEAPLVQ KIVQKMLKGV PK

### Application Note

**Endotoxin:** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vial to compensate for this loss.



