

---

## Product Data Sheet

---

Product Name: GRO g Human, His  
 Cat. No.: GP21117  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Macrophage inflammatory protein 2-beta; MIP2-beta; CXCL3; Growth-regulated protein gamma; GRO-gamma; GRO-gamma(1-73); GRO3; GROg; MIP2B; SCYB3; MIP-2b; CINC-2b; MGSA gamma.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MASVTELRC QCLQTLQGIH LKNIQSVNVR SPGPHCAQTE VIATLKNGKK ACLNPASPMV QKIEKILNKGSTN.		
Formulation	The CXCL3 protein is formulated in 20mM Tris-HCl buffer pH-8, 1mM DTT and 20% glycerol.		

### Introduction

Chemokine (C-X-C motif) ligand 3 (CXCL3) is a small cytokine belonging to the CXC chemokine family that is also known as GRO3 oncogene (GRO3), GRO protein gamma (GROg) and macrophage inflammatory protein-2-beta (MIP2b). CXCL3 controls migration and adhesion of monocytes and mediates its effects on its target cell by interacting with a cell surface chemokine receptor called CXCR2. The gene for CXCL3 is located on chromosome 4 in a cluster of other CXC chemokines.

### Stability

Liquid CXCL3 although stable at 10°C for 1 week, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

### Background

GRO-Gamma Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 94 amino acids (35-107) and having a molecular mass of 7902 Dalton. The GRO-g is fused to 20 amino acid His-Tag at N-Terminus and purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

---

## Product Data Sheet

---

***Caution: Product has not been fully validated for medical applications. For research use only.***

***Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com***

***Address: 10292 Central Ave. #205, Montclair, CA, USA***