

## Recombinant Human GRO-gamma

|                     |  |       |
|---------------------|--|-------|
| <b>CATALOG #:</b>   | 4107-10  | 10 µg |
|                     | 4107-1000  | 1mg   |
| <b>LOT #:</b>       | _____  |       |
| <b>SOURCE:</b>      | <i>E. coli</i>   |       |
| <b>PURITY:</b>      | >98% by SDS-PAGE and HPLC analyses<br>Endotoxin level is <0.1 ng per µg. |       |
| <b>MOL. WEIGHT:</b> | 7.9 kDa  |       |
| <b>FORM:</b>        | Lyophilized with no additives.   |       |

**RECONSTITUTION:**

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or – 20°C for future use.

**STORAGE CONDITIONS:**

The lyophilized protein is best-stored desiccated below 0°C. Reconstituted human GRO-γ should be stored in working aliquots at -20°C.

**DESCRIPTION:**

Human GRO-gamma is a member of the C-X-C family of chemokines and promotes neutrophil and basophil chemotaxis and degranulation. Recombinant human GRO-gamma is a 7.9 kDa protein containing 73 amino acid residues.

**BIOLOGICAL ACTIVITY:**

Determined by its ability to chemoattract 293 cells transfected with CXCR2 using a concentration range of 10-100 ng/ml.

**FOR RESEARCH USE ONLY! Not to be used in humans.**

**RELATED PRODUCTS:**

## Apoptosis Detection Kits &amp; Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

## Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

## Cell Proliferation &amp; Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

## Cell Damage &amp; Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

## Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

## Adipocyte &amp; Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

## Molecular Biology &amp; Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

## Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies