

GRO-gamma, human recombinant protein**Growth Regulated Protein/Melanoma Growth Stimulatory Activity (MGSA γ), CXCL3, MIP-2, GRO3****Catalog # PBV10097r****Specification**

GRO-gamma, human recombinant protein - Product info

Primary Accession

[P19876](#)

Calculated MW

7.9 kDa KDa**GRO-gamma, human recombinant protein - Additional Info**

Gene ID

2921

Gene Symbol

GRO- γ **Other Names**Growth Regulated Protein/Melanoma Growth Stimulatory Activity, GRO α , MGSA α , CXCL1, NAP-3, GRO1, KC (murine) CINC (rat), Neutrophil-activating protein 3

Gene Source

Human

Source

E. coli

Assay&Purity

SDS-PAGE; $\geq 98\%$

Assay2&Purity2

HPLC; $\geq 98\%$

Recombinant

Yes

Results

10-100 ng/ml**Target/Specificity**

GRO-gamma

Application NotesReconstitute in H₂O to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers**Format**

Lyophilized protein

Storage

-20°C; Lyophilized with no additives.

GRO-gamma, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

GRO-gamma, human recombinant protein - Images

GRO-gamma, human recombinant protein - Background

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

GRO-gamma, human recombinant protein - References

Tekamp-Olson P., et al. J. Exp. Med. 172:911-919(1990).
Haskill S., et al. Proc. Natl. Acad. Sci. U.S.A. 87:7732-7736(1990).
Hillier L.W., et al. Nature 434:724-731(2005).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Zhang Z., et al. Protein Sci. 13:2819-2824(2004).