

GRO-beta, human recombinant protein**Growth Regulated Protein/Melanoma Growth Stimulatory Activity (MGSA β), CXCL2, MIP-2, GRO2****Catalog # PBV10096r****Specification**

GRO-beta, human recombinant protein - Product info

Primary Accession

[P19875](#)

Calculated MW

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

Gene ID

2920

Gene Symbol

GROB**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-beta/MIP-2

Application NotesReconstitute in H₂O 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.**Format**

Lyophilized protein

Storage

-20°C; Lyophilized with no additives.

GRO-beta, 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-beta, human recombinant protein - Images

GRO-beta, human recombinant protein - Background

Human GRO- β is a member of the C-X-C family of chemokines and promotes neutrophil and basophil chemotaxis and degranulation. GRO- β like GRO- α specifically inhibits growth factor-stimulated proliferation of capillary endothelial cells in a dose-dependent manner. Recombinant human GRO- β is a 7.9 kDa protein containing 73 amino acid residues.

GRO-beta, human recombinant protein - References

Tekamp-Olson P., et al. J. Exp. Med. 172:911-919(1990).
Iida N., et al. Mol. Cell. Biol. 10:5596-5599(1990).
Haskill S., et al. Proc. Natl. Acad. Sci. U.S.A. 87:7732-7736(1990).
Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.