10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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; ≥98%**
Assay2&Purity2	**HPLC; ≥98%**
Recombinant	**Yes**
Results	**10-100 ng/ml.**

Target/Specificity
GRO-beta/MIP-2

Application Notes
Reconstitute in H_2O 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 Cytomety

- 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.