

GRO-alpha/MGSA, human recombinant protein
Growth Regulated Protein/Melanoma Growth Stimulatory Activity, GRO α , MGSA α ,
CXCL1, NAP-3, GRO1, KC
Catalog # PBV10095r

Specification

GRO-alpha/MGSA, human recombinant protein - Product info

Primary Accession [P09341](#)
Calculated MW **7.8 kDa** KDa

GRO-alpha/MGSA, human recombinant protein - Additional Info

Gene ID	2919
Gene Symbol	GROA
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	10-50 ng/ml.
Target/Specificity	
GRO-alpha/MGSA	

Application Notes

Reconstitute 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-alpha/MGSA, 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-alpha/MGSA, human recombinant protein - Images**GRO-alpha/MGSA, human recombinant protein - Background**

Human GRO/MGSA (also known as GRO α) promotes neutrophil chemotaxis and degranulation. It also stimulates mutagenesis in certain human melanoma cells. Recombinant human GRO/MGSA is a 7.8 kDa protein containing 73 amino acid residues.