

## Recombinant human Growth-regulated alpha protein

Catalog No: #AP71914



Package Size: #AP71914-1 20ug #AP71914-2 100ug #AP71914-3 1mg

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## Description

Product Name	Recombinant human Growth-regulated alpha protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:35-107aaSequence Info:Full Length
Other Names	C-X-C motif chemokine 1;GRO-alpha(1-73)Melanoma growth stimulatory activity ;MGSANeutrophil-activating protein 3 ;NAP-3
Accession No.	P09341
Uniprot	P09341
GeneID	2919;
Calculated MW	11.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	ASVATELRQCQLQLTQGHPKNIQSVNVKSPGPHCAQTEVIATLKNRKAACLNPA SPIVKKIIEKMLNSDKSN
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Has chotactic activity for neutrophils. May play a role in inflammation and exerts its effects on endothelial cells in an autocrine fashion. In vitro, the processed forms GRO-alpha(4-73), GRO-alpha(5-73) and GRO-alpha(6-73) show a 30-fold higher chotactic activity.

## References

Constitutive overexpression of a growth-regulated gene in transformed Chinese hamster and human cells.Anisowicz A., Bardwell L., Sager R.Proc. Natl. Acad. Sci. U.S.A. 84:7188-7192(1987)Research Topic:Immunology

Note: This product is for in vitro research use only