

CXCL1/GRO alpha Recombinant Protein | CXCL1 recombinant protein

CXCL1/GRO alpha, 35-107aa, Human, His tag, E Coli

CATALOG # AAA48507	HOST E Coli	APPLICATIONS SDS-Page
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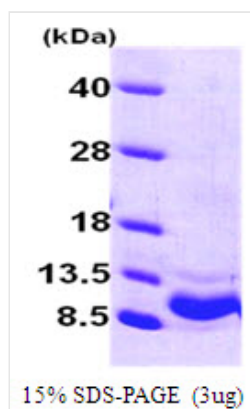
PRODUCT SYNONYMS

CXCL1/GRO alpha; 35-107aa; Human; His tag; E Coli; Chemokine (C-X-C motif) ligand 1 / Growth-regulated alpha protein; FSP; GRO1; GROA; MGSA; NAP-3; SCYB1; Chemokine (C-X-C motif) ligand 1; Growth-regulated alpha protein; CXCL1; chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity alpha); GRO1 oncogene (melanoma growth stimulating activity alpha); fibroblast secretory protein; MGSA-a; ; CXCL1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol
Concentration	1 mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence	MGSSHHHHH SSSLVPRGSH MASVATELRQ QCLQTLQGIH PKNIQSVNVK SPGPHCAQTE VIATLKNGRK ACLNPASPIV KKIIEKMLNS DKSN
Sequence Length	107
Applicable Applications for CXCL1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Endotoxin Level	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation and Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CXCL1 recombinant protein	CXCL1/GROa is a growth factor for melanoma cells and a chemotaxin for neutrophils. Similar to other alpha chemokines, this protein is potent neutrophil attractant and activator and is also active toward basophils. In addition, CXCL1 protein may be a therapeutic target as well as a marker in ovarian cancer. Recombinant CXCL1 protein was expressed in E Coli and purified by using conventional chromatography techniques
Product Categories/Family for CXCL1 recombinant protein	Hormones & Cytokines
References	Kawanishi H, et al. (2008) Clin Cancer Res., 2579-87; Yang HT, et al. (2008) Cell Signal, 375-80; Yang G, et al. (2006) Proc Natl Acad Sci U S A, 16472-7;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504153
NCBI GeneID	2919
NCBI Accession #	NP_001502
NCBI GenBank Nucleotide #	NM_001511.3
UniProt Accession #	P09341; Q9UCR7
Molecular Weight	10.1 kDa (94 aa), confirmed by MALDI-TOF. (Molecular weight on SDS-PAGE will appear higher)
NCBI Official Full Name	growth-regulated alpha protein
NCBI Official Synonym Full Names	C-X-C motif chemokine ligand 1
NCBI Official Symbol	CXCL1
NCBI Official Synonym Symbols	FSP; GRO1; GROa; MGSA; NAP-3; SCYB1; MGSA-a
NCBI Protein Information	growth-regulated alpha protein
UniProt Protein Name	Growth-regulated alpha protein
UniProt Gene Name	CXCL1
UniProt Synonym Gene Names	GRO; GRO1; GROA; MGSA; SCYB1; MGSA; NAP-3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cxcl1-recombinant-protein-e-coli-sds-page/48507>