

GRO-alpha/MGSA (CXCL1) active protein

Human GRO-alpha/MGSA (CXCL1)

CATALOG # AAA79276	HOST E Coli	REACTIVITY Human
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PRODUCT SYNONYMS

GRO-alpha/MGSA (CXCL1); Human GRO-alpha/MGSA (CXCL1); Recombinant Human GRO/MGSA; GRO-alpha/MGSA (CXCL1) active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	> 98% by SDS-PAGE and HPLC analyses
Form/Format	Lyophilized (0.5 x PBS)
Sequence	ASVATELRQC CLQTLQGIHP KNIQSVNVKS PGPCHAQTEV IATLKNGRKA CLNPASPIVK KIIKMLNSD KSN
Sequence Length	73
Endotoxin Level	< 0.1 ng /ug of protein (<1EU/ug).
mRNA RefSeq	NM_001511.3
Biological Activity	Determined by its ability to chemoattract human neutrophils using a concentration range of 10.0-50.0 ng/ml.
Preparation and Storage	Stability: The lyophilized protein is stable at room temperature for 1 month and at 4°C for 6 months. Reconstituted working aliquots are stable for 1 week at 2°C to 8°C and for 3 months at -20°C to -80°C. Reconstitution: Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

ADDITIONAL INFORMATION

Related Product Information for GRO-alpha/MGSA (CXCL1) active protein	Human GRO alpha (also known as MGSA) promotes neutrophil chemotaxis and degranulation. It also stimulates mitogenesis in certain human melanoma cells. Human GROa is a 7.8 kDa protein containing 73 amino acid residues
Product Categories/Family for GRO-alpha/MGSA (CXCL1) active protein	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	119977
NCBI GeneID	2919
UniProt Accession #	P03941 ; P09341
Molecular Weight	7.8 kDa
NCBI Official Full Name	Ferredoxin

NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)
NCBI Official Symbol	CXCL1
NCBI Official Synonym Symbols	FSP; GRO1; GROa; MGSA; NAP-3; SCYB1; MGSA-a
NCBI Protein Information	growth-regulated alpha protein; MGSA alpha; GRO-alpha(1-73); C-X-C motif chemokine 1; fibroblast secretory protein; neutrophil-activating protein 3; melanoma growth stimulatory activity alpha; GRO1 oncogene (melanoma growth-stimulating activity); GRO1 oncogene (melanoma growth stimulating activity, alpha)
UniProt Protein Name	Ferredoxin
UniProt Entry Name	FER_ALIAC

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/e-coli-human-active-protein/gro-alpha-mgsa-cxcl1/79276>