

Chemokine (C-X-C Motif) Ligand 1 (CXCL1) Active Protein | CXCL1 active protein

Active Chemokine (C-X-C Motif) Ligand 1 (CXCL1)

CATALOG # AAA152959	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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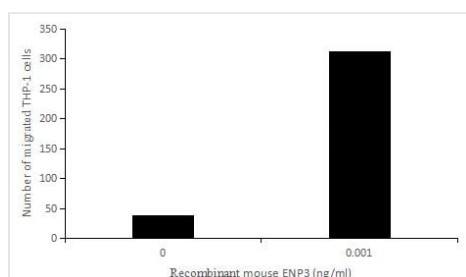
PRODUCT SYNONYMS

Chemokine (C-X-C Motif) Ligand 1 (CXCL1); Active Chemokine (C-X-C Motif) Ligand 1 (CXCL1); Chemokine (C-X-C Motif) Ligand 1; CXCL1 active protein (prokaryotic); Mouse; NAP3; GRO1; GROa; GRO-A; MGSA-A; SCYB1; Chemokine C-X-C-Motif Ligand 1; Melanoma Growth Stimulating Activity Alpha; Fibroblast Secretory Protein; CXCL1 active protein

PRODUCT SPECIFICATIONS

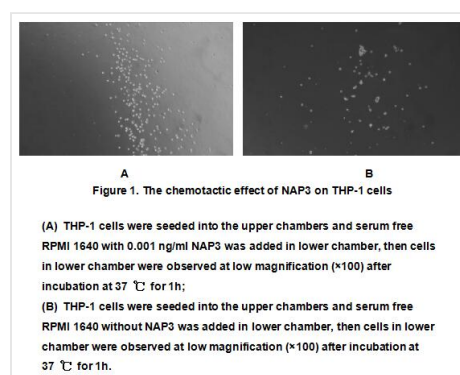
Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Ala25~Lys96
Applicable Applications for CXCL1 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Mouse
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	7.6
Research Area	Cytokine
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



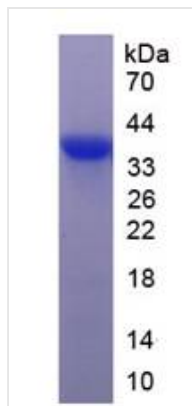
Bioactivity

Figure 2. The chemotactic effect of NAP3 on THP-1 cells



Bioactivity

Neutrophil-activating protein 3 (NAP3) also known as chemokine (C-X-C motif) ligand 1 (CXCL1) is a small cytokine belonging to the CXC chemokine family. NAP3 is expressed by macrophages, neutrophils and epithelial cells, and has neutrophil chemoattractant



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CXCL1 active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6680109
NCBI GeneID	14825
NCBI Accession #	NP_032202.1
NCBI GenBank Nucleotide #	NM_008176.3
UniProt Accession #	P12850
Molecular Weight	10,254 Da
NCBI Official Full Name	growth-regulated alpha protein
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 1
NCBI Official Symbol	Cxcl1
NCBI Official Synonym Symbols	KC; Fsp; N51; gro; Gro1; Mgsa; Scyb1
NCBI Protein Information	growth-regulated alpha protein; C-X-C motif chemokine 1; GRO1 oncogene; KC/GR)-alpha; KC/GRO-alpha; alpha-chemokine; platelet-derived growth factor-inducible protein KC; secretory protein N51
UniProt Protein Name	Growth-regulated alpha protein
UniProt Gene Name	Cxcl1
UniProt Synonym Gene Names	Gro; Gro1; Mgsa; Scyb1; HSF
UniProt Entry Name	GROA_MOUSE

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-active-protein/chemokine-c-x-c-motif-ligand-1-cxcl1/152959>