

CXCL2 active protein

Recombinant Human CXCL2

CATALOG #
AAA214224

HOST
E Coli

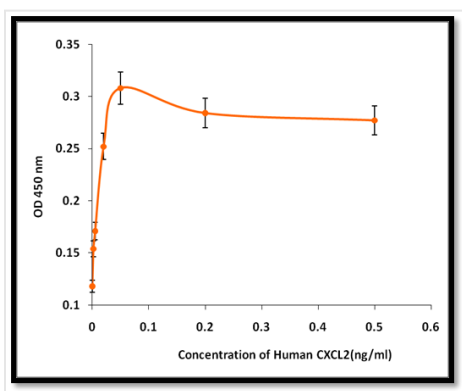
PRODUCT SYNONYMS

CXCL2; Recombinant Human CXCL2; C-X-C motif chemokine 2; Growth-regulated protein beta; Gro-beta; Macrophage inflammatory protein 2-alpha; MIP2-alpha; GRO2; GROB; MIP2A; SCYB2; Recombinant Human Growth Regulated Beta Protein (CXCL2); CXCL2 active protein

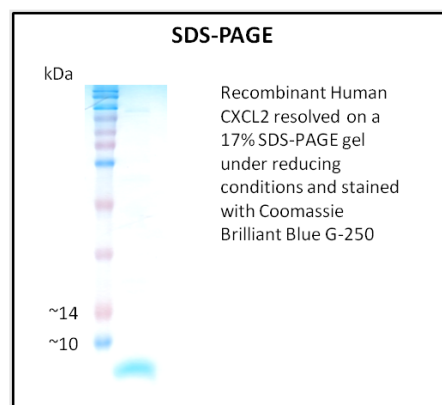
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered concentrated (1.0 mg/mL) solution in 20 mM Tris, pH 8.0.
Sequence Length	73
Bioactivity	Determined by its ability to chemoattract 293 transfected CXCR2 cells using a concentration range of 10-100 ng/mL.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method.
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for CXCL2 active protein	Growth regulated oncogene-gamma belongs to the family of chemotytic cytokines called chemokines. It is identical with MGSA (melanoma growth stimulatory activity) and the new designation is CXCL3. This factor is known mainly because of its chemotactic activity. GRO expression is inducible by serum or PDGF and/or by a variety of inflammatory mediators, such as IL-1 and TNF, in monocytes, fibroblasts, melanocytes and epithelial cells. In certain tumor cell lines, GRO is expressed constitutively. Similar to other alpha chemokines, the three GRO proteins are potent neutrophil attractants and activators. In addition, these chemokines are also active toward basophils. All three GROs can bind with high affinity to the IL-8 receptor type B.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2905630
NCBI GeneID	2920
UniProt Accession #	P19875
Molecular Weight	8.0 kDa
NCBI Official Full Name	macrophage inflammatory protein 2 alpha, partial
NCBI Official Synonym Full Names	C-X-C motif chemokine ligand 2
NCBI Official Symbol	CXCL2
NCBI Official Synonym Symbols	GRO2; GROb; MIP2; MIP2A; SCYB2; MGSA-b; MIP-2a; CINC-2a
NCBI Protein Information	C-X-C motif chemokine 2
UniProt Protein Name	C-X-C motif chemokine 2
UniProt Gene Name	CXCL2
UniProt Synonym Gene Names	GRO2; GROB; MIP2A; SCYB2; Gro-beta; MIP2-alpha; HSF
UniProt Entry Name	CXCL2_HUMAN

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://www.aaabiotech.com/e-coli-active-protein/cxcl2/214224>