

CXCL11 active protein

Recombinant Human CXCL11

CATALOG #
AAA214238

HOST
E Coli

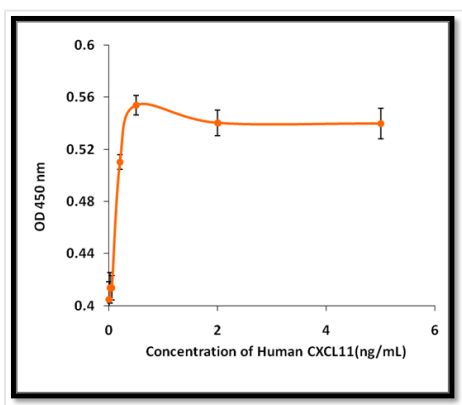
PRODUCT SYNONYMS

CXCL11; Recombinant Human CXCL11; C-X-C motif chemokine 11; Beta-R1; H174; Interferon gamma-inducible protein 9; IP-9; Interferon-inducible T-cell alpha chemoattractant; I-TAC; Small-inducible cytokine B11; Recombinant Human IFN-Inducible T-cell Chemoattractant (CXCL11); CXCL11 active protein

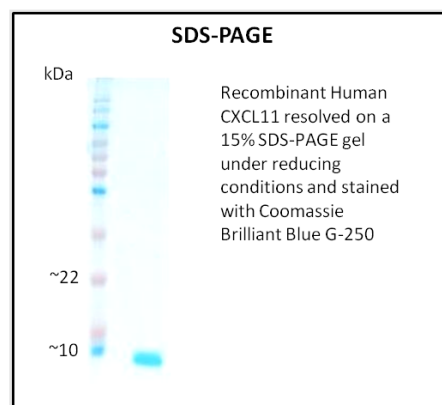
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in PB,100 mM NaCl pH 7.5
Sequence Length	94
Bioactivity	Determined by its ability to chemoattract human T cells using a concentration range of 2.0-10.0 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 CXCL11 active protein

The CXCL11 belongs to the CXC chemokine family characterized by the presence of one amino acid in between the two NH2-terminal cysteines. CXCL11 is produced by a variety of cells including leukocytes, fibroblasts, and endothelial cells upon stimulation with interferons (IFNs). Simultaneous stimulation of fibroblasts or endothelial cells with IFN-gamma and Interleukin-1b or the TLR3 ligand double-stranded RNA results in a synergistic increase of CXCL11 production. CXCL11 attracts natural killer cells and activated T-helper 1 cells. Like CXCL9 and CXCL10, CXCL11 signals through CXC chemokine receptor 3 (CXCR3).

NCBI AND UNIPROT INFORMATION

NCBI GI #	7674360
NCBI GeneID	6373
UniProt Accession #	O14625
Molecular Weight	8.0 kDa
NCBI Official Full Name	C-X-C motif chemokine 11
NCBI Official Synonym Full Names	C-X-C motif chemokine ligand 11
NCBI Official Symbol	CXCL11
NCBI Official Synonym Symbols	IP9; H174; IP-9; b-R1; I-TAC; SCYB11; SCYB9B
NCBI Protein Information	C-X-C motif chemokine 11
UniProt Protein Name	C-X-C motif chemokine 11
UniProt Gene Name	CXCL11
UniProt Synonym Gene Names	ITAC; SCYB11; SCYB9B; IP-9; I-TAC
UniProt Entry Name	CXL11_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://stage.aaabiotech.com/e-coli-active-protein/cxcl11/214238>