

## Active Recombinant Human CXCL6, HlgG1 Fc-tagged

Cat. No. CXCL6-143H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The extracellular domain of human CXCL6 (AAH13744.1)(Val40-Asn114) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO cell.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	40-114 a.a.
<b>Description</b>	CXCL6 (chemokine (C-X-C motif) ligand 6) is a protein-coding gene. Diseases associated with CXCL6 include pancreatic cystadenoma, and mastitis, and among its related super-pathways are MIF Mediated Glucocorticoid Regulation and Chemokine signaling pathway. GO annotations related to this gene include heparin binding and chemokine activity.
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to induce myeloperoxidase.
<b>Molecular Mass</b>	34KDa (monomer)
<b>AA Sequence</b>	Val40-Asn114
<b>Endotoxin</b>	<0.06 eu/µg="" as="" determined="" by="" lal="">

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<b>Purity</b>	>98%, by SDS-PAGE under reducing conditions.
<b>Stability</b>	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
<b>Reconstitution</b>	Reconstitute at 100µg/ml in sterile PBS.
<b>Warning</b>	Avoid freeze/thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	CXCL6 chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2) [ Homo sapiens ]
<b>Official Symbol</b>	CXCL6
<b>Synonyms</b>	CXCL6; chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2); SCYB6, small inducible cytokine subfamily B (Cys X Cys), member 6 (granulocyte chemotactic protein 2); C-X-C motif chemokine 6; CKA 3; GCP 2; chemokine alpha 3; small-inducible cytokine B6; granulocyte chemotactic protein 2; Small inducible cytokine subfamily B (Cys-X-Cys), member b; small inducible cytokine subfamily B (Cys-X-Cys), member 6 (granulocyte chemotactic protein 2); GCP2; CKA-3; GCP-2; SCYB6;
<b>Gene ID</b>	6372
<b>mRNA Refseq</b>	NM_002993
<b>Protein Refseq</b>	NP_002984
<b>MIM</b>	138965

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<b>UniProt ID</b>	P80162
<b>Chromosome Location</b>	4q13.3
<b>Pathway</b>	Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; G alpha (i) signalling events, organism-specific biosystem;
<b>Function</b>	chemokine activity; heparin binding;

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