

Active Recombinant Human CXCL6, HlgG1 Fc-tagged

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

SPECIFICATION

Product Overview	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
Species	Human
Source	CHO
ProteinLength	40-114 a.a.
Description	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.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by its ability to induce myeloperoxidase.
Molecular Mass	34KDa (monomer)
AA Sequence	Val40-Asn114
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" la="">

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Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	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.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	CXCL6 chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2) [Homo sapiens]
Official Symbol	CXCL6
Synonyms	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;
Gene ID	6372
mRNA Refseq	NM_002993
Protein Refseq	NP_002984
MIM	138965

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UniProt ID	P80162
Chromosome Location	4q13.3
Pathway	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;
Function	chemokine activity; heparin binding;

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