

Recombinant Human CXCL6 293 Cell Lysate

Cat. No. CXCL6-7166HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2) (CXCL6) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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
UniProt ID	P80162
Chromosome Location	4q13.3
Pathway	Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine

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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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