CXCL6 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	CXCL6, Lysate
Full Product Name	Human CXCL6 Protein Lysate
Product Gene Name	CXCL6 lysate
Product Synonym Names	CXCL6; CKA-3; GCP-2; GCP2; SCYB6
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	12kDa
OMIM	138965
3D Structure	ModBase 3D Structure for P80162
Related Product Information for CXCL6 lysate	Human CXCL6 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of CXCL6 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CXCL6 purchase	MBS8410153 is a lysate targeting CXCL6. Also known as Human CXCL6 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CXCL6. It may not necessarily be applicable to this product.

NCBI GI #	4506851
NCBI GeneID	6372
NCBI Accession #	NP_002984
UniProt Primary Accession #	P80162
UniProt Related Accession #	P80162
GenBank Nucleotide #	NM_002993
NCBI Official Full Name	C-X-C motif chemokine 6
NCBI Official Synonym Full Names	C-X-C motif chemokine ligand 6
NCBI Official Symbol	CXCL6
NCBI Official Synonym Symbols	GCP2; CKA-3; GCP-2; SCYB6
UniProt Protein Name	C-X-C motif chemokine 6
UniProt Synonym Protein Names	Chemokine alpha 3; CKA-3; Granulocyte chemotactic protein 2; GCP-2; Small-inducible cytokine B6Cleaved into the following 3 chains:Small-inducible cytokine B6, N-processed variant 1; Small-inducible cytokine B6, N-processed variant 2; Small-inducible cytokine B6, N-processed variant 3

Protein Family	C-X-C motif chemokine
UniProt Gene Name	CXCL6
UniProt Synonym Gene Names	GCP2; SCYB6; CKA-3; GCP-2
UniProt Entry Name	CXCL6_HUMAN
NCBI Protein Information	C-X-C motif chemokine 6
UniProt Comments for CXCL6	CXCL6: Chemotactic for neutrophil granulocytes. Belongs to the intercrine alpha (chemokine CxC) family. Protein type: Secreted, signal peptide; Motility/polarity/chemotaxis; Secreted Chromosomal Location of Human Ortholog: 4q13.3 Cellular Component: extracellular space; extracellular region Molecular Function: heparin binding; chemokine activity; CXCR chemokine receptor binding Biological Process: G-protein coupled receptor protein signaling pathway; cell-cell signaling; defense response to bacterium; neutrophil mediated immunity; response to lipopolysaccharide; positive regulation of leukocyte chemotaxis; immune response; chemotaxis; signal transduction; inflammatory response; regulation of cell proliferation
Research Articles on CXCL6	**1.** CXCL6 could reduce the expression of miR-515-5p in NSCLC cells; MiR-515-5p acted as a tumor suppressor by targeting CXCL6 in non-small cell lung cancer cell cells.
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