

Recombinant Human CXCL8 Protein

Cat. No. CXCL8-06H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCL8 Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	77 amino acid
Description	Human CXCL8 is a 77 amino acid protein that is the prototypical CXC chemokine which is expressed by fibroblasts and keratinocytes. Also known as Interleukin 8, this chemokine binds and activates two G protein-coupled receptors, CXCR1/CXCR2 on a variety of cells such as neutrophils, T-cells, endothelial cells, macrophages and keratinocytes. CXCL8 is N-terminally processed to yield the major in vivo species, the 6-77 variant.
Form	Lyophilized
Molecular Mass	8.38177 kDa
AA Sequence	AVLPRSAKEL RCQCIKTYSK PFHPKFIKEL RVIESGPHCA NTEIIVKLSD GRELCCLDPKE NWWQQRVVEKF LKRAENS
Endotoxin	Endotoxin-free <0.01 EU/ug
Purity	Purity assessed by HPLC, Mass Spectrometry, and NMR

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Storage	Store at -20 to -80 centigrade for 12 months; Store at 4 centigrade for 6 months; Store at RT for 1 month.
tmpcolum67	C-X-C motif chemokine ligand 8
GENE INFORMATION	
Gene Name	CXCL8 C-X-C motif chemokine ligand 8 [Homo sapiens (human)]
Official Symbol	CXCL8
Synonyms	IL8; NAF; GCP1; LECT; LUCT; NAP1; GCP-1; LYNAP; MDNCF; MONAP; NAP-1; SCYB8
Gene ID	3576
mRNA Refseq	NM_000584
Protein Refseq	NP_000575
MIM	146930
UniProt ID	P10145