

Recombinant Rhesus Macaque CXCL8 Protein (79 aa)

Cat. No. CXCL8-002C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus Macaque CXCL8 Protein without tag was expressed in E. coli.
Species	Rhesus macaque
Source	E.coli
ProteinLength	79
Description	Interleukin-8 (C-X-C motif chemokine 8) is coded by the interleukin 8 gene on the chromosome 5 in Rhesus macaque (Macaca mulatta), which is not only 94% identical to human IL-8 but also structurally and functionally similar with the human equivalent. Provide a valuable resource for a primate model of inflammation.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Bio-activity	Data not available
Molecular Mass	Approximately 9.14kD containing 79 amino acid residues.
AA Sequence	AVLPRSAKELRCECIKTYSKPFHPKFIKELRVIESGPHCANTEIIVKLSDGRELCCLDPK EPWVQRVVEKFVKRAENQNP
Endotoxin	Less than 1 EU/μg of rRhIL-8 as determined by LAL method.
Purity	>95% by SDS-PAGE and HPLC analyses.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	This lyophilized preparation is stable at 2-8 centigrade, but should be kept at -20 centigrade for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8 centigrade. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20 to -70 centigrade. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2mm filtered concentrated solution in PBS, pH 7.4.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at < -20 centigrade. Further dilutions should be made in appropriate buffered solutions.
GENE INFORMATION	
Gene Name	CXCL8 C-X-C motif chemokine ligand 8 [<i>Macaca mulatta</i> (Rhesus monkey)]
Official Symbol	CXCL8
Synonyms	CXCL8; C-X-C motif chemokine ligand 8; IL8; NAF; GCP1; LECT; LUCT; NAP1; GCP-1; LYNAP; MDNCF; MONAP; NAP-1; SCYB8; interleukin-8; T-cell chemotactic factor; alveolar macrophage chemotactic factor I; beta endothelial cell-derived neutrophil activating peptide; beta-thromboglobulin-like protein; chemokine (C-X-C motif) ligand 8; emoctakin; granulocyte chemotactic protein 1; interleukin 8; lung giant cell carcinoma-derived chemotactic protein; lymphocyte derived neutrophil activating peptide; monocyte-derived neutrophil chemotactic factor; monocyte-derived neutrophil-activating peptide; neutrophil-activating peptide 1; small inducible cytokine subfamily B, member 8; tumor necrosis factor-induced gene 1

Gene ID	613028
mRNA Refseq	NM_001032965
Protein Refseq	NP_001028137
UniProt ID	P51495

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA