

Data sheet

Human IL8 (77aa residues) (Interleukin 8)

Recombinant protein

Cat. No: PR0561 (25 µg)
Cat. No: PR0562 (50 µg)
Cat. No: PR0563 (100 µg)

Source: *E. coli*



Description

IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus. IL-8(6-77) has a 5-10-fold higher activity on neutrophil activation, IL-8(5-77) has increased activity on neutrophil activation and IL-8(7-77) has a higher affinity to receptors CXCR1 and CXCR2 as compared to IL-8(1-77), respectively.



Protein Information

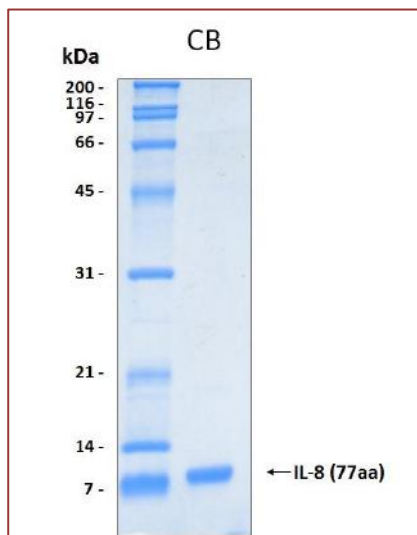
AA Sequence: 23-99 aa.

Predicted MW: 11.1 kDa

Purity: >95% confirmed by SDS-Page and Coomassie blue staining.

Tag: 6xHis tag.

Biological activity: Not tested.



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Gene Information

Synonyms: Small inducible cytokine subfamily B, member 8; SCYB8; Monocyte-derived neutrophil chemotactic factor; Neutrophil-activating peptide 1; NAP1 Granulocyte chemotactic protein 1; GCP1; CXC chemokine ligand 8; CXCL11.

Official Symbol: IL8.

Specie: *Homo sapiens*.

GenBank accession number: NM_000584.2

NCBI Protein RefSeq: NP_000575.1

Protein Family: Chemokine.



Applications

ELISA, WB, Antibody Production and Protein array.



For Research Use Only.

Not for use in diagnostic or therapeutic procedures.