

Recombinant Human IL-8/CXCL8 Protein (His Tag)

Catalog No. PKSH032655

Note: Centrifuge before opening to ensure complete recovery of vial contents.

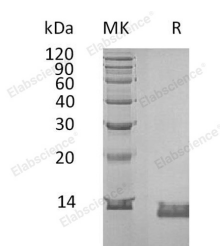
Description

Synonyms	Interleukin-8, IL-8, C-X-C Motif Chemokine 8, CXCL8, Emotakin, Granulocyte Chemotactic Protein 1, GCP-1, Monocyte-Derived Neutrophil Chemotactic Factor, MDNCF, Monocyte-Derived Neutrophil-Activating Peptide, MONAP, Neutrophil-Activating Protein 1, NAP-1
Species	Human
Expression Host	HEK293 Cells
Sequence	Glu21-Ser99
Accession	P10145
Calculated Molecular Weight	10.1 kDa
Observed molecular weight	14 kDa
Tag	C-His
Bioactivity	Testing in progress

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed man
Reconstitution	Please refer to the printed manual for detailed information.

Data



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For Research Use Only

Background

Interleukin-8 (IL-8) belongs to the neutrophil-specific CXC family of chemokines. It is one of the initial cytokines released from a variety of cell types; including T cells; endothelial cells and fibroblasts; in response to an inflammatory stimulus and acts by recruiting neutrophils; T-cells and basophils to the site of inflammation. Elevated Interleukin-8 levels are associated with the onset of a variety of disease states.

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