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Datasheet for ABIN7505578
IL-8 Protein (AA 21-99) (His tag)

Overview

Quantity:	100 µg
Target:	IL-8 (IL8)
Protein Characteristics:	AA 21-99
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-8 protein is labelled with His tag.

Product Details

Sequence:	Glu21-Ser99
Characteristics:	Recombinant Human C-X-C motif chemokine 8/Interleukin 8 is produced by our Mammalian expression system and the target gene encoding Glu21-Ser99 is expressed with a 6His tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	<1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	IL-8 (IL8)
Alternative Name:	IL-8 (IL8 Products)
Background:	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

Target Details

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.

Synonym: 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

Molecular Weight: 10.1 kDa

UniProt: [P10145](#)

Pathways: [TLR Signaling](#), [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [ER-Nucleus Signaling](#), [Hepatitis C](#), [Autophagy](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months