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Datasheet for ABIN1001039

IL-8 Protein (AA 23-99) (His tag)

Overview

Quantity:	10 µg
Target:	IL-8 (IL8)
Protein Characteristics:	AA 23-99
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-8 protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

Product Details

Purpose:	Interleukin-8 (IL-8) (Western Blot Control)
Sequence:	AVLPRSAKEL RCQCIKTYSK PFHPKFIKEL RVIESGPHCA NTEIIVKLSL GRELCLDPKE NWWQRVVEKF LKRAENS
Characteristics:	recombinant IL-8 comprises the 77 amino acid fragment (23-99) corresponding to the mature IL-8 protein and is expressed in E. coli with an amino-terminal hexahistidine tag.
Purity:	> 95 %

Target Details

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

Target Details

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. IL-8, CXCL8, Monocyte-derived neutrophil chemotactic factor, MDNCF, T-cell chemotactic factor, Neutrophilactivating protein 1, NAP-1, Protein 3-10C, Granulocyte chemotactic protein 1, GCP-1, Monocyte derived neutrophil activating peptide, MONAP, Emoctakin.

Molecular Weight: 13.7 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

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20 °C