Datasheet for ABIN7505029

IL-8 Protein (AA 28-99) (GST tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	IL-8 (IL8)
Protein Characteristics:	AA 28-99
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-8 protein is labelled with GST tag.

Product Details

Sequence:	Ser28-Ser99
Characteristics:	A DNA sequence encoding theHuman IL-8 protein (P10145) (Ser28-Ser99) was expressed with a N-GST.
Purity:	>85 % as determined by reducing SDS-PAGE.

Target Details

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

Target Details

	affinity to receptors CXCR1 and CXCR2 as compared to IL-8(1-77), respectively. Synonym: C-X-C motif chemokine 8,Chemokine (C-X-C motif) ligand 8,Emoctakin,Granulocyte chemotactic protein 1,GCP-1,Monocyte-derived neutrophil chemotactic factor,MDNCF,Monocyte-derived neutrophil-activating peptide,MONAP,Neutrophil-activating protein 1,NAP-1,Protein 3-10C,T-cell chemotactic factor,GCP/IL-8 protein IV,IL8/NAP1 form I,(Ala-IL-8)77,GCP/IL-8 protein II,IL-8(1-77),IL8/NAP1 form II,MDNCF-b,(Ser-IL-8)72,GCP/IL-8 protein I,IL8/NAP1 form III,Lymphocyte-derived neutrophil-activating factor,LYNAP,MDNCF-c,Neutrophil-activating factor,NAF,GCP/IL-8 protein V,IL8/NAP1 form IV,GCP/IL-8 protein VI,IL8/NAP1 form V,GCP/IL-8 protein III,IL8/NAP1 form VI,IL8
Molecular Weight:	34.3 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 sterile PBS, 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