

Interleukin-8

Catalog No: #AP78367

Package Size: #AP78367-1 50ug #AP78367-2 100ug #AP78367-3 1mg

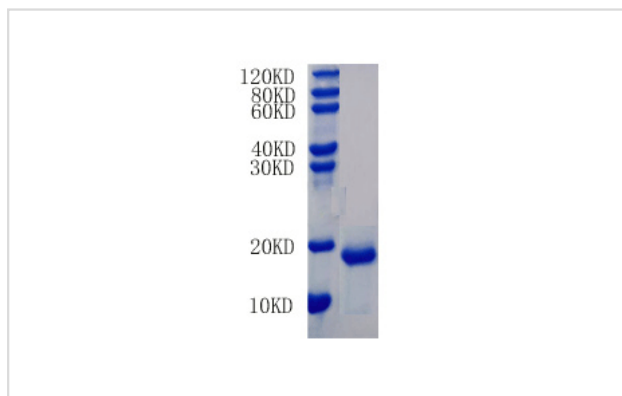
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Description

Product Name	Interleukin-8
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	21-99aa
Other Names	IL8,C-X-C motif chemokine 8,Chemokine (C-X-C motif) ligand 8,Emoxtakin,Granulocyte chemotactic protein 1,Monocyte-derived neutrophil chemotactic factor,Monocyte-derived neutrophil-activating peptide,Neutrophil-activating protein 1,Protein 3-10C,T-cell chemotactic factor,GCP-1,MDNCF,MONAP,NAP-1
Accession No.	P10145Gene name: CXCL8
Uniprot	P10145
GeneID	3576;
Calculated MW	8.69
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



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 affinity to receptors CXCR1 and CXCR2 as compared to IL-8(1-77), respectively.

References

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Note: This product is for in vitro research use only