

Recombinant Human IL-8 protein(GST tag)

Catalog Number:PDEH100113



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

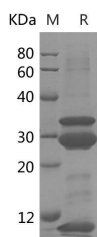
Description

Synonyms	C-X-C motif chemokine 8;Chemokine (C-X-C motif) ligand 8;Emoxtakin;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
Species	Human
Expression Host	E.coli
Sequence	Ser28-Ser99
Accession	P10145
Calculated Molecular Weight	34.3 kDa
Observed molecular weight	9 kDa&35 kDa
Tag	N-GST

Properties

Purity	> 85 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
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 sterile PBS, 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 manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 85 % as determined by reducing SDS-PAGE.

Background

For Research Use Only

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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.

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