

Recombinant Human CXC-chemokine receptor 1 /CXCR1 Protein

Catalog No.: RP01933

Sequence Information

Species	Gene ID
Human	3577
Swiss Prot	Tags
P25024	C-hFc

Synonyms

CXCR1, CMKAR1, IL8RA, C-X-C chemokine receptor type 1, CXCR-1, CDw128a, High affinity interleukin-8 receptor A, IL-8R A, IL-8 receptor type 1, CD181

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
30.47 kDa	45-55 kDa

Endotoxin

< 0.01 EU/μg of the protein by LAL method

Formulation

Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Human CXC-chemokine receptor 1/CXCR1, Receptor to interleukin-8, which is a powerful neutrophils chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system.

Basic Information

Description

Recombinant Recombinant Human CXC-chemokine receptor 1/CXCR1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Lys39) of Human CXC-chemokine receptor 1 /CXCR1 (Accession #NP_000625.1) fused with hFc tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

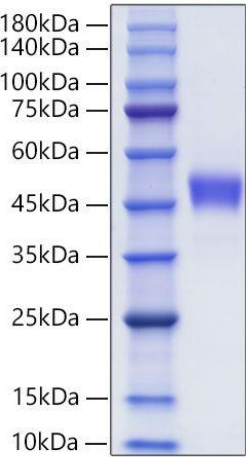
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

		400-999-6126
		cn.market@abclonal.com.cn
		www.abclonal.com.cn

Validation Data



Recombinant Human CXC-chemokine receptor 1/CXCR1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.