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32-18494: Cynomolgus CXCR3 Protein, hFc Tag

Uniprot ID : A0A2K5UV19
Alternative Name : GPR9; MigR; CD182; CD183; Mig-R; CKR-L2; CMKAR3; IP10-R

Description

Description : Recombinant Cynomolgus CXCR3 protein with C-terminal human Fc tag
Background : This gene encodes a G protein-coupled receptor with selectivity for three chemokines, termed CXCL9/Mig (monokine induced by interferon-g), CXCL10/IP10 (interferon-g-inducible 10 kDa protein) and CXCL11/I-TAC (interferon-inducible T cell a-chemoattractant). Binding of chemokines to this protein induces cellular responses that are involved in leukocyte traffic, most notably integrin activation, cytoskeletal changes and chemotactic migration. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the isoforms (CXCR3-B) shows high affinity binding to chemokine, CXCL4/PF4 .
Molecular Characterization: mass of 32.0 kDa after removal of the signal peptide. The apparent molecular mass of cCXCR3-hFc is approximately 35-55 kDa due to glycosylation.
Tag :C-Human Fc tag

Product Info

Amount :	50 μg / 100 μg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

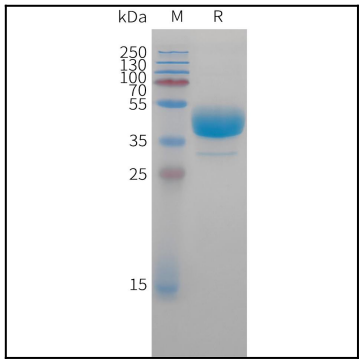


Figure 1. Cynomolgus CXCR3 Protein, hFc Tag on SDS-PAGE under reducing condition.

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