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Datasheet for ABIN6964140 CXCR1 Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	CXCR1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCR1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human CXCR1 protein with C-terminal human Fc tag
Specificity:	CXCR1 (Met1-Lys39) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CXCR1
Alternative Name:	CXCR1 (CXCR1 Products)
Background:	Synonymes: C-C, C-C-CKR-1, CD128, CD181, CDw128a, CKR-1, CMKAR1, IL8R1, IL8RA, IL8RBA Description: The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and

Target Details

transduces the signal through a G-protein activated second messenger system. Knockout studies in mice suggested that this protein inhibits embryonic oligodendrocyte precursor migration in developing spinal cord. This gene, IL8RB, a gene encoding another high affinity IL8 receptor, as well as IL8RBP, a pseudogene of IL8RB, form a gene cluster in a region mapped to chromosome 2q33-q36.

Molecular Weight: predicted molecular mass of 30.6 kDa after removal of the signal peptide. The apparent molecular mass of CXCR1-hFc is 40-55 kDa due to glycosylation.

UniProt: [P25024](#)

Pathways: [cAMP Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months