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Datasheet for ABIN6964146 CCR9 Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	CCR9
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCR9 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human CCR9 with C-terminal human Fc tag
Specificity:	CCR9 (Met1-Ser48) 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:	CCR9
Alternative Name:	CCR9 (CCR9 Products)
Background:	Synonymes: CC-CKR-9, CDw199, GPR-9-6, GPR28 Description: The protein encoded by this gene is a member of the beta chemokine receptor family. It is predicted to be a seven transmembrane protein similar to G protein-coupled

Target Details

receptors. Chemokines and their receptors are key regulators of the thymocytes migration and maturation in normal and inflammation conditions. The specific ligand of this receptor is CCL25. It has been found that this gene is differentially expressed by T lymphocytes of small intestine and colon, suggested a role in the thymocytes recruitment and development that may permit functional specialization of immune responses in different segment of the gastrointestinal tract. This gene is mapped to the chemokine receptor gene cluster region. Two alternatively spliced transcript variants have been described. Multiple transcript variants encoding different isoforms have been found for this gene.

Molecular Weight:	predicted molecular mass of 31.6 kDa after removal of the signal peptide. The apparent molecular mass of CCR9-hFc is 35-55 kDa due to glycosylation.
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UniProt:	P51686
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Reconstitute with deionized water
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Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
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Preservative:	Without preservative
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Storage:	-20 °C, -80 °C
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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.
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Expiry Date:	12 months
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