Datasheet for ABIN7199044

CCR8 Protein-VLP

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Overview

Quantity:	100 µg
Target:	CCR8
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	VLP

Product Details

Purpose:	Human CCR8 Full Length Protein-VLP (HEK293)
Sequence:	Asp 2 - Leu 355
Characteristics:	Human CCR8 Full Length Protein-VLP is expressed from human 293 cells (HEK293). It contains AA Asp 2 - Leu 355 (Accession # P51685-1).
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	CCR8
Alternative Name:	CCR8 (CCR8 Products)
Background:	Synonyms: CC chemokine receptor 8,CD198,ChemR1,CKRL1,CKR-L1,CKRL1,CY6,GPRCL1,GPRCY6,GPR-CY6,TER-1, Description: This entry represents CC chemokine receptor 8 (CCR8), which it is expressed predominantly in lymphoid tissues and has also been found in glomerular podocytes and

Target Details

human umbilical vein endothelial cells (HUVECs). CCR8 is associated with Th2 lymphocytes, which are critical for allergy, and has a role in lymphocyte activation, migration, proliferation and differentiation and in allergic diseases. CCR8 binds to CCL1 (also known as I-309) and to CCL16 (also known as liver expressed chemokine). It also exhibits a high affinity for three chemokines of viral origin: vMIP-I, vMIP-II and vMCC-I.

Application Details

Comment:	Virus-like particles (VLPs) are formed by self-assembly of envelop/capsid proteins from viruses. Membrance Proteins can be constituted in-situ with VLPs produced from HEK293 cell cultures. These VLPs concentrate conformationally intact membrane proteins directly on the cell surface and produce soluble, high-concentration proteins perfect for immunization and antibody screening. The VLPs provide the display of properly folded membrane proteins in their native cellular membrane in a compact size of 100~300 nm diameter (similar to the size of most viruses) making it optimal targets for dendritic cells in vivo and surface attachment for phage display.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4
Storage:	-80 °C
Storage Comment:	-70°C