

## 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 ( <a href="#">CCR8 Products</a> )
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 is expressed predominantly in lymphoid tissues and has also been found in glomerular podocytes and

## Target Details

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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

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**Comment:** Virus-like particles (VLPs) are formed by self-assembly of envelop/capsid proteins from viruses. Membrane 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

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**Format:** Liquid

**Buffer:** PBS, pH 7.4

**Storage:** -80 °C

**Storage Comment:** -70°C