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## Datasheet for ABIN7489101 **CXCR6 Protein-VLP**

### Overview

Quantity:	100 µg
Target:	CXCR6
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	VLP

### Product Details

Purpose:	Human CXCR6 / CD186 Full Length Protein (VLP)
Sequence:	Ala 2 - Leu 342
Characteristics:	Human CXCR6 Full Length Protein (VLP) is expressed from human 293 cells (HEK293). It contains AA Ala 2 - Leu 342 (Accession # O00574-1).
Endotoxin Level:	1.0 EU per µg

### Target Details

Target:	CXCR6
Alternative Name:	CXCR6 ( <a href="#">CXCR6 Products</a> )
Background:	The protein encoded by this gene is a G protein-coupled receptor with seven transmembrane domains that belongs to the CXC chemokine receptor family. This family also includes CXCR1, CXCR2, CXCR3, CXCR4, CXCR5, and CXCR7. This gene, which maps to the chemokine receptor gene cluster, is expressed in several T lymphocyte subsets and bone marrow stromal cells. The encoded protein and its exclusive ligand, chemokine ligand 16 (CCL16), are part of a signalling

## Target Details

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pathway that regulates T lymphocyte migration to various peripheral tissues (the liver, spleen red pulp, intestine, lungs, and skin) and promotes cell-cell interaction with dendritic cells and fibroblastic reticular cells. CXCR6/CCL16 also controls the localization of resident memory T lymphocytes to different compartments of the lung and maintains airway resident memory T lymphocytes, which are an important first line of defense against respiratory pathogens. The encoded protein serves as an entry coreceptor used by HIV-1 and SIV to enter target cells, in conjunction with CD4. [provided by RefSeq, Aug 2020]

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: PBS, Arginine, pH 7.4

Storage: -80 °C

Storage Comment: -70°C