

## Human CX3CR1 VLP

Cat. No. CXR-HM00V



### Description

|                  |                                                                              |
|------------------|------------------------------------------------------------------------------|
| Source           | Recombinant Human CX3CR1 VLP is expressed from HEK293.                       |
|                  | It contains Met1-Leu355 (It may have cross reaction with anti-His antibody). |
| Accession        | P49238-1                                                                     |
| Molecular Weight | The target protein has a predicted MW of 41.6 kDa.                           |
| Endotoxin        | Less than 1 EU per µg by the LAL method.                                     |
| Purity           | > 90% as determined by HPLC                                                  |

### Formulation and Storage

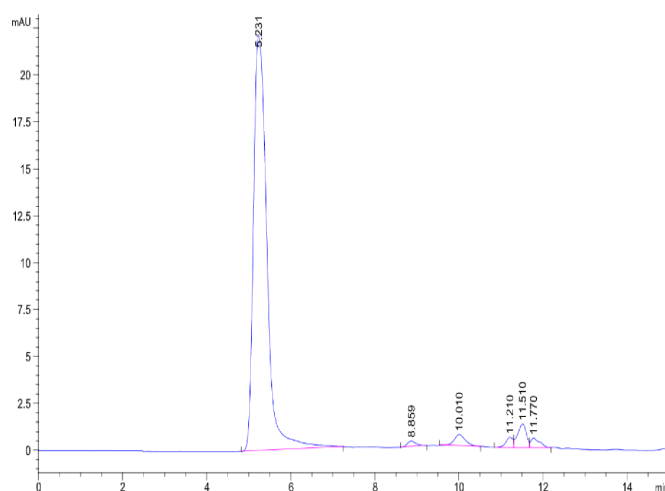
|             |                                                                                                                                                                                  |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Formulation | Supplied as 0.22µm filtered solution in PBS, 150mM L-Arginine (pH 7.4). Notice: If you need it for immunization, water-soluble adjuvant is recommended.                          |
| Storage     | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

### Background

CX3CR1, also known as G-protein coupled receptor 13, is a receptor of CX3CL1. It is primarily expressed on monocytes, macrophages, dendritic cells, T cells, and natural killer cells. The binding of CX3CL1 to CX3CR1 induces the activation of heterotrimeric G proteins associated with this receptor. In addition, it triggers the signal pathways of MAPK and AKT, which play essential roles in tumour biology.

### Assay Data

#### SEC-HPLC



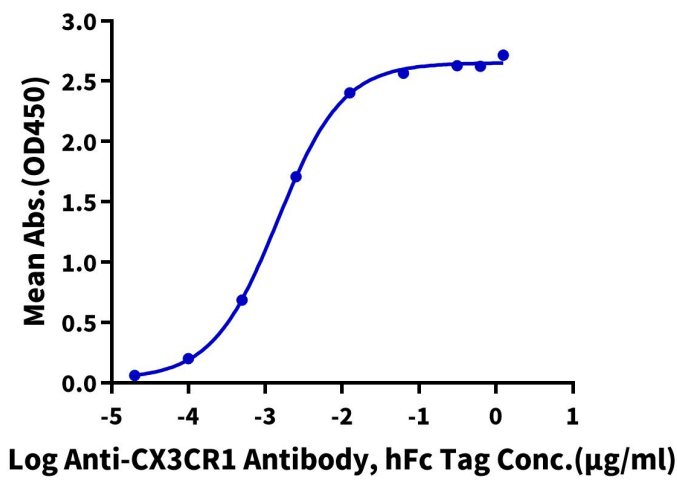
The purity of Human CX3CR1 VLP is greater than 90% as determined by SEC-HPLC.

#### ELISA Data

Assay Data

Human CX3CR1 VLP ELISA

0.5µg Human CX3CR1 VLP Per Well



Immobilized Human CX3CR1 VLP at 5µg/ml (100µl/well) on the plate. Dose response curve for Anti-CX3CR1 Antibody, hFc Tag with the EC50 of 1.4ng/ml determined by ELISA (QC Test).