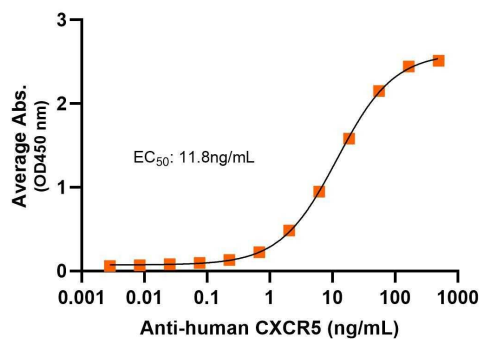


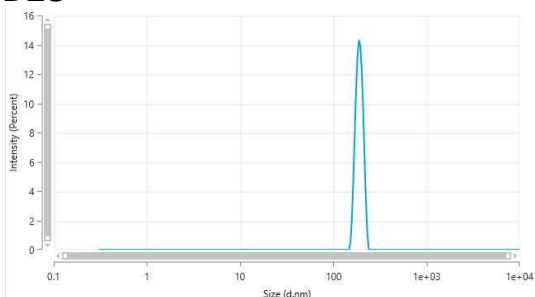
Bioactivity – Antibody Binding

Human CXCR5 full length, ELISA 0.5 µg of CXCR5 per well



Immobilized human CXCR5 VLP (Cat. No. CMP-24014) at 5 µg/mL (100 µL/well) can bind monoclonal anti-human CXCR5 antibody with half maximal effective concentration (EC₅₀) range of 6.4-25.7 ng/mL (QC tested).

DLS



The mean peak diameter (nm) of the CMP is 187.6 with a range of 170.9-207.8 with more than 95% intensity as determined by dynamic light scattering (DLS).



Human CXCR5 Full Length Protein, Displayed on Nanoparticles

Product Code: CMP-24014
For Research Use Only (RUO)

Expression Host
HEK293T

Alternate Name(s)
BLR1, CD185, and MDR15

Protein Construct
The human CXCR5 full length protein (UniProt# P32302), displayed on nanoparticles and mimics the native protein conformation on the cell surface. Expressed in HEK293T cell line.

Shipping Conditions
Frozen Dry Ice

Protein Name
Human CXCR5

Amino Acid Range
Met1-Phe372

Formulation
0.2µm filtered PBS, pH 7.4

Stability & Storage
-80°C

Background

C-X-C chemokine receptor type 5 (CXCR5) is also known as CD185, Burkitt lymphoma receptor 1 (BLR1) and monocyte-derived receptor 15 (MDR15). CXCR-5 is a G protein-coupled receptor (GPCR) for the C-X-C motif chemokine 13 (CXCL13). It enables T cells to migrate to lymph node and the B cell zones.