

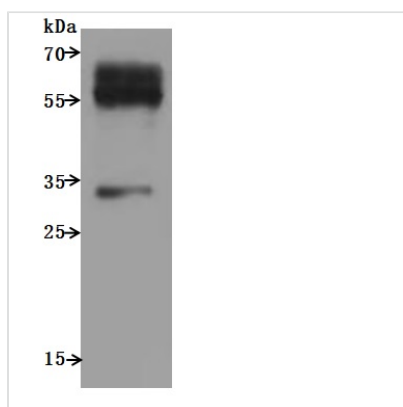


# Recombinant Human C-C chemokine receptor type 9 (CCR9)-VLPs (Active)

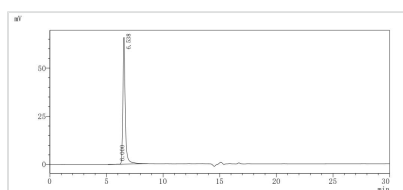
<b>Product Code</b>	CSB-MP004848HU
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P51686
<b>Form</b>	Liquid or Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4.
<b>Product Type</b>	Recombinant Human C-C chemokine receptor type 9(CCR9)-VLPs (Active)
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Human CCR9 at 10 µg/mL can bind Anti-CCR9 recombinant antibody (CSB-RA004848MA1HU). The EC50 is 31.67-36.83 ng/mL. The VLPs (CSB-MP3838) is negative control.
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC.
<b>Sequence</b>	MTPTDFTSPIPNMADDYGSESTSSMEDYVNFNFTDFYCEKNNVRQFASHFLP PLYWLVFIVGALGNSLVILVYWYCTRVKTM TDMFLLNLAIADLLFLVTLPFWAIA AADQWK FQTFMCKVVNSMYK MNFYSCVLLIMCISVDRIYIAIAQAMRAHTWRE KRLLYSKMVCFTIWVLAALCIPEILYSQIKEESGIAICTMVYPSDESTKLKSAVL TLKVILGFFLPFVVMACCYTIIIHTLIQAKKSSKHKALKVTITVLTVFVLSQFPYNCI LLVQ TIDAYAMFISNCAVSTNIDICFQVTQTIAFFHSCLNPVLYVFGFRFDL VKTLK NLGCISQAQWVSFTRREGSLKLSSMLLETTSGALS L
<b>Research Area</b>	Cancer
<b>Source</b>	Mammalian cell
<b>Target Names</b>	CCR9
<b>Expression Region</b>	1-369aa
<b>Notes</b>	The VLPs are expressed from human 293 cells (HEK293). Mix the sample gently by repeatedly pipetting it up and down. Do not vortex. Repeated freezing and thawing is not recommended. Store the protein at -20°C/-80°C upon receiving it, and ensure to avoid repeated freezing and thawing, otherwise, it will affect the protein activity. The immunization strategy should be optimized (antigen dose, regimen and adjuvant).
<b>Tag Info</b>	C-terminal 10xHis-tagged(This tag can be tested only under denaturing conditions)
<b>Mol. Weight</b>	43.4 kDa
<b>Protein Length</b>	Full Length



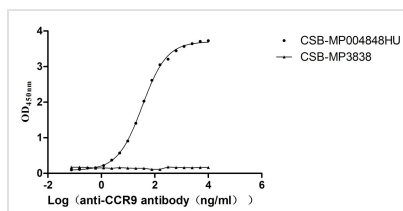
## Image



CSB-MP004848HU is detected by Mouse anti-6\*His monoclonal antibody.



The purity of VLPs was greater than 95% as determined by HPLC-SEC.



Measured by its binding ability in a functional ELISA. Immobilized Human CCR9 at 10µg/mL can bind Anti-CCR9 recombinant antibody (CSB-RA004848MA1HU) the  $EC_{50}$  is 31.67-36.83 ng/mL. The VLPs (CSB-MP3838) is negative control.

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C. Solubilize for 60 minutes at room temperature with occasional gentle mixing. Avoid vigorous shaking or vortexing.

## Shelf Life

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