

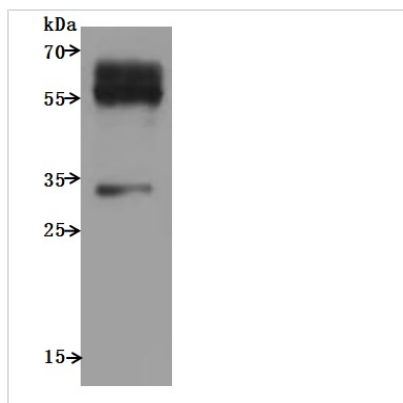


Recombinant Human C-C chemokine receptor type 9 (CCR9)-VLPs (Active)

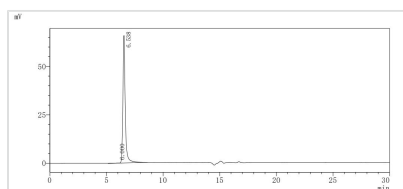
Product Code	CSB-MP004848HU
Abbreviation	Recombinant Human CCR9 protein-VLPs (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P51686
Form	Liquid or Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4.
Product Type	Recombinant Human C-C chemokine receptor type 9(CCR9)-VLPs (Active)
Immunogen Species	Homo sapiens (Human)
Biological Activity	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.
Purity	Greater than 95% as determined by SEC-HPLC.
Sequence	MTPTDFTSPIPNMADDYGSESTSSMEDYVNFNFTDFYCEKNNVRQFASHFLP PLYWLVFIVGALGNSLVILVYWYCTRVRTMTDMFLLNLAIDLLFLVTLPFWAIA AADQWKQTFMCKVVNSMYKMNFYSCVLLIMCISVDRIYIAIAQAMRAHTWRE KRLLYSKMVCFTIWWLAAALCIPEILYSQIKEESGIAICTMVYPSDESTKLKSAVL TLKVILGFFLPFVVMACCYTIIHTLIQAKKSSKHKALKVTITVLTVFVLSQFPYNCI LLVQTIDAYAMFISNCAVSTNIDICFQVTQTIAFFHSCLNPVLYVFGFRDL VKTLKNLGCISQAQWVSFTRREGSLKLSSMLLETTSGALS
Research Area	Cancer
Source	Mammalian cell
Target Names	CCR9
Expression Region	1-369aa
Notes	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).
Tag Info	C-terminal 10xHis-tagged(This tag can be tested only under denaturing conditions)
Mol. Weight	43.4 kDa


Protein Length

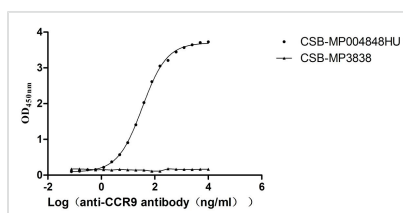
Full Length

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 10 μ g/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.

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

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.