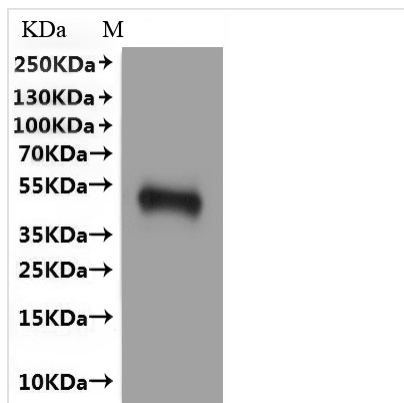


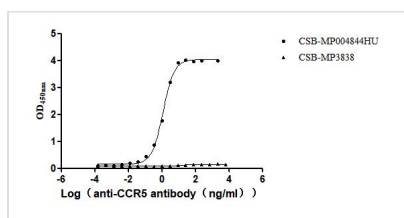


Recombinant Human C-C chemokine receptor type 5 (CCR5)-VLPs (Active)

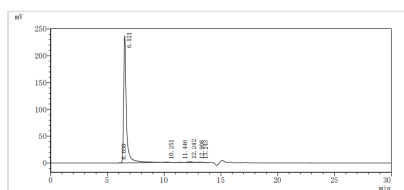
Product Code	CSB-MP004844HU
Abbreviation	Recombinant Human CCR5 protein-VLPs (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P51681
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human CCR5 at 10 µg/mL can bind Anti-CCR5 recombinant antibody (CSB-RA004844MA1HU). The EC50 is 1.099-1.287 ng/mL. The VLPs (CSB-MP3838) is negative control.
Purity	Greater than 95% as determined by SEC-HPLC.
Sequence	MDYQVSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVFIFGFVGNMLVILILIN CKRLKSMTDIYLLNLAISDLFFLLTVPFWAHYAAAQWDFGNTMCQLLTGLYFIG FFSGIFFIILLTIDRYLAVVHAVFALKARTVTFGVVTSVITWVAVFASLPGIIFTRS QKEGLHYTCSSHPYSQYQFWKNFQTLKIVILGLVLP LLVMVICYSGILKTL LRC RNEKKRHRAVRLIFTIMIVYFLFWAPYNIVLLLNTFQEFFGLNNCSSSNRLDQA MQVTETLGMTHCCINPIIYAFVGEKFRNYLLVFFQKHIKRFCCKCSIFQQEAPE RASSVYTRSTGEQEISVGL
Source	Mammalian cell
Target Names	CCR5-VLPs
Expression Region	1-352aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-tagged(This tag can be tested only under denaturing conditions)
Mol. Weight	42.3 kDa
Protein Length	Full Length
Image	



CSB-MP004844HU is detected by Mouse anti-6*His monoclonal antibody.(This tag can be tested only under denaturing conditions.)



Activity
Measured by its binding ability in a functional ELISA. Immobilized Human CCR5 at 10 µg/ml can bind Anti-CCR5 recombinant antibody (CSB-RA004844MA1HU). The EC₅₀ is 1.099-1.287 ng/mL.The VLPs (CSB-MP3838) is negative control.



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

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

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.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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.