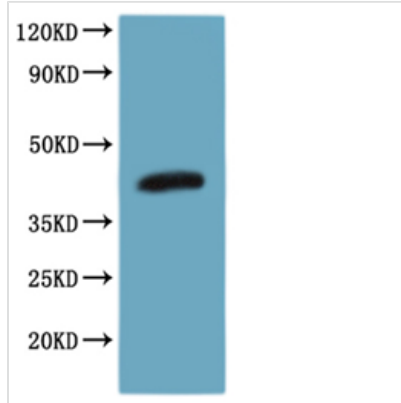


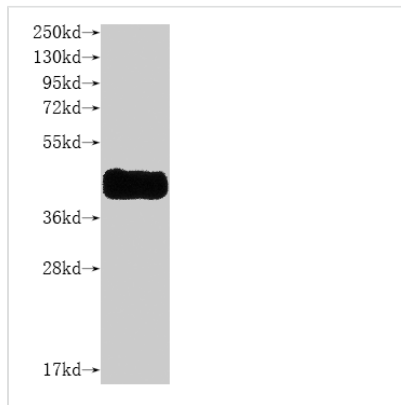


Recombinant Human C-C chemokine receptor type 8 (CCR8)-VLPs (Active)

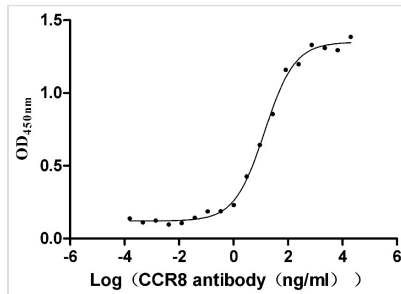
Product Code	CSB-MP004847HU
Abbreviation	Recombinant Human CCR8 protein-VLPs (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P51685
Form	Liquid
Storage Buffer	PBS, pH 7.4, 6% trehalose
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human CCR8 (CSB-MP004847HU) at 5 µg/ml can bind Anti-CCR8 recombinant Antibody, the the EC ₅₀ is 11.13-17.29 ng/ml.
Purity	≥ 90% as determined by SEC-HPLC.
Sequence	MDYTLDL SVTTVTDYYPDIFSSPCDAELIQTNGKLLLAVFYCLLFVFSLLGNSL VILVLV VCKKLRSITDVYLLNLALS DLLFVFSFPFQTYLLDQWVFGTVMCKVVS GFYYIGFYSSMFFITLMSVDRYLAVVHAVYALKVVRTIRMGTTLCLAVWLTAIMAT IPLLVFYQVASEDGV LQCYSFYNQQT LKWKIFTNFKMNILGLLIPFTIFMFCYIKIL HQLKRCQNHNKTKAIRLV LIVVIASLLFWVPFNVVFLTSLHSMHILDGCSISQQ LTYATHVTEIISFTHCCVNPVIYAFVGEKFKKHLSEIFQKSCSQIFNYLGRQMPR ESCEKSSSCQQHSSRSSSVDYIL
Research Area	cancer
Source	Mammalian cell
Target Names	CCR8
Expression Region	1-355aa
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	42.2 kDa
Protein Length	Full Length
Image	



CSB-MP004847HU is detected by Mouse anti-6*His monoclonal antibody.

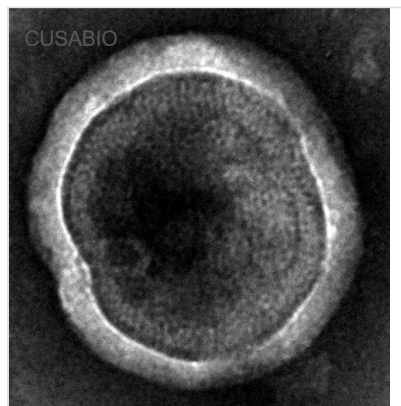


CSB-MP004847HU is detected by Anti-CCR8 recombinant Antibody

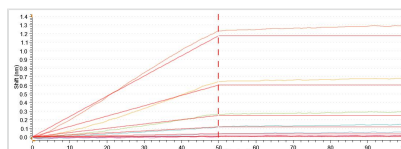


Activity

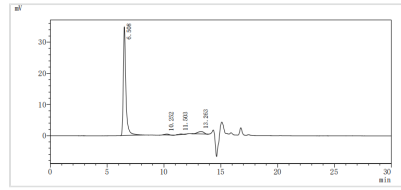
Measured by its binding ability in a functional ELISA. Immobilized human CCR8 (CSB-MP004847HU) at 5 µg/ml can bind Anti-CCR8 recombinant Antibody, the the EC₅₀ is 11.13-17.29 ng/ml.



The presence of VLP-like structures was confirmed by TEM



Loaded Anti-Human CCR8 Antibody (CSB-RA004847MA3HU) on 96-Flat plate, can bind Human CCR8, with an affinity constant of ?1 pM as determined in BLI assay (Gator Prime).



The purity of VLPs was greater than 90% as determined by SEC-HPLC

Endotoxin

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

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.