

C-C chemokine receptor type 8 (CCR8) Recombinant Protein | CCR8 recombinant protein

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

CATALOG #
AAA279258

HOST
Mammalian cell

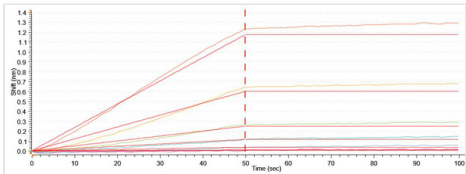
PRODUCT SYNONYMS

C-C chemokine receptor type 8 (CCR8); Recombinant Human C-C chemokine receptor type 8 (CCR8)-VLPs (Active); CC chemokine receptor CHEMR1; CMKBRL2; Chemokine receptor-like 1; CKR-L1; GPR-CY6; GPRCY6; TER1; CDw198; CKRL1; CMKBR8; CCR8 recombinant protein

PRODUCT SPECIFICATIONS

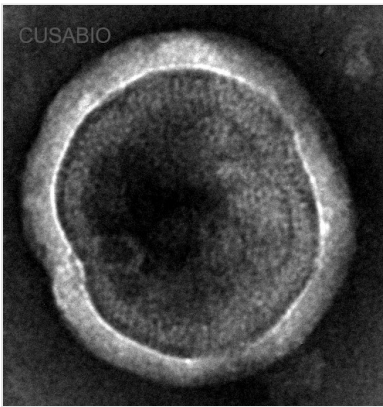
Host	Mammalian cell
Purity/Purification	The purity information is not available for VLPs proteins.
Form/Format	Lyophilized powder Lyophilized from a 0.2 um filtered PBS, 6% Trehalose, pH 7.4
Sequence Positions	1-355aa; Full Length
Sequence	MDYTLDLSTV TVTDYYPDI FSSPCDAELI QTNGKLLAV FYCLLFVFSL LGNSLVILVL VVCKKLRSIT DYYLLNLALS DLLFVFSFPF QTYLLDQWV FGTVMCKVVS GFYIGFYSS MFFITLMSVD RYLAVVHAVY ALKVRTIRMG TTLCLAVWLT AIMATIPLLV FYQVASEDGV LQCYSFYNNQ TLKWKIFTNF KMNILGLLIP FTIFMFCYIK ILHQLKRCQN HNKTKAIRLV LIVVIASLLF WVPFNVVLF L TSLHSMHILD GCSISQQLTY ATHVTEIISF THCCVNPVIY AFVGEKFKKH LSEIFQKSCS QIFNYLGRQM PRESCEKSSS CQQHSSSRSSS VDYIL
Species	Homo sapiens (Human)
Tag	C-terminal 10xHis-tagged (This tag can be tested only under denaturing conditions)
Research Area	Cancer Less than 1.0 EU/ug as determined by LAL method.
Transmembrane Domain	7TM
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human CCR8 at 5 ug/ml can bind Anti-CCR8 recombinant Antibody, the the EC50 is 11.13-17.29 ng/ml.
Preparation and 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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. 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 degree C. Solubilize for 60 minutes at room temperature with occasional gentle mixing. Avoid vigorous shaking or vortexing. 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 degree C/-80 degree 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).

IMAGES



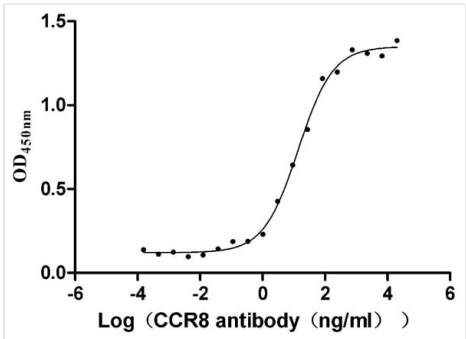
Application Data

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



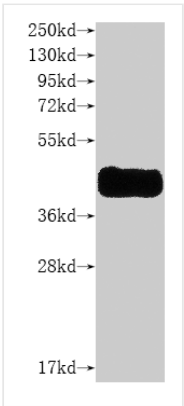
Application Data

The presence of VLP-like structures was confirmed by TEM



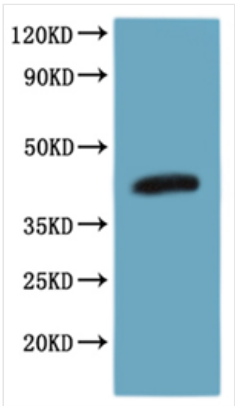
Bioactivity

ActivityMeasured by its binding ability in a functional ELISA. Immobilized human CCR8 at 5 ug/ml can bind Anti-CCR8 recombinant Antibody, the the EC50 is 11.13-17.29 ng/ml.



Application Data

is detected by Anti-CCR8 recombinant Antibody



Application Data

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

ADDITIONAL INFORMATION

Product Categories/Family for CCR8 recombinant protein	MP-VLP Transmembrane Protein & Active Protein & In Stock Protein
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1707884
NCBI GeneID	1237

UniProt Accession #	P51685; Q3KNQ8; Q3KNR3; Q9BYX5; B2RC64
NCBI Official Full Name	C-C chemokine receptor type 8
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 8
NCBI Official Symbol	CCR8
NCBI Official Synonym Symbols	CY6; TER1; CCR-8; CKRL1; CDw198; CMKBR8; GPRCY6; CMKBRL2; CC-CKR-8
NCBI Protein Information	C-C chemokine receptor type 8; CC chemokine receptor 8; chemokine receptor-like 1; chemokine (C-C) receptor 8; CC chemokine receptor CHEMR1; CC-chemokine receptor chemr1; chemokine (C-C) receptor-like 2
UniProt Protein Name	C-C chemokine receptor type 8
UniProt Gene Name	CCR8
UniProt Synonym Gene Names	CKRL1; CMKBR8; CMKBRL2; C-C CKR-8; CC-CKR-8; CCR-8; CKR-L1; GPRCY6
UniProt Entry Name	CCR8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ccr8-recombinant-protein-mammalian-cell/279258>