

C-C chemokine receptor type 4 (CCR4) Recombinant Protein | CCR4 recombinant protein

Recombinant Human C-C chemokine receptor type 4 (CCR4)-VLPs (Active)

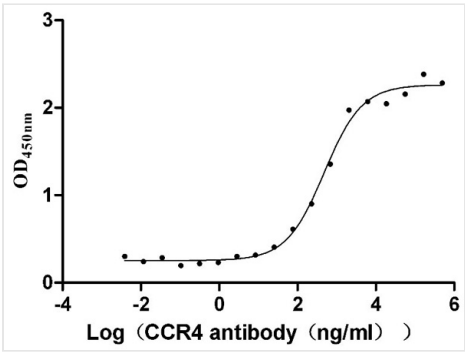
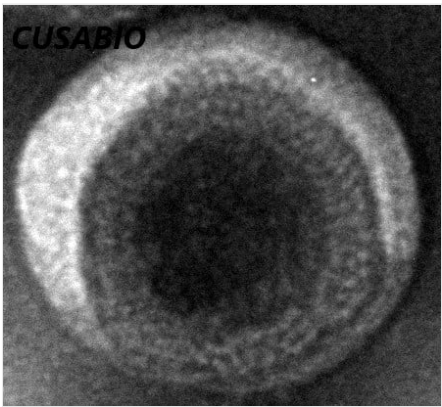
CATALOG # AAA279256	HOST Mammalian cell
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PRODUCT SYNONYMS

C-C chemokine receptor type 4 (CCR4); Recombinant Human C-C chemokine receptor type 4 (CCR4)-VLPs (Active); K5-5 CD_antigen: CD194; CCR4 recombinant protein

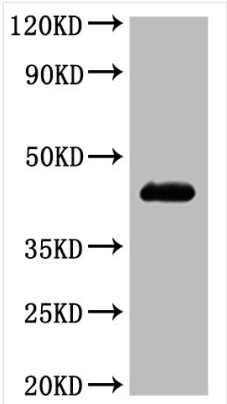
PRODUCT SPECIFICATIONS

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	1-360aa; Full Length
Sequence	MNPTDIADTT LDESIYSNYY LYESIPKPCT KEGIKAFGEL FLPPLYSLVF VFGLLGNSVV VLVLFKYKRL RSM TDVYLLN LAISDLLFVF SLPFWGYAA DQWVFGLGLC KMISWMYLVG FYSGIFFVML MSIDRYLAIV HAVFSLRART LTYGVITSLA TWSVAVFASL PGFLFSTCYT ERNHTYCKTK YSLNSTTWKV LSSLEINILG LVIPLGIMLF CYSMIIRTLQ HCKNEKKNKA VKMIFAVVVL FLGFWTPYNI VLFLETLEVEL EVLQDCTFER YLDYAIQATE TLA FVHCCLN PIIYFFLGEK FRKYILQLFK TCRGLFVLCQ YCGLLQIYSA DTPSSSYTQS TMDHDLHDAL
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 CCR4 at 10 ug/mL can bind Anti-CCR4 recombinant antibody, the EC50 is 362.3-630.8 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).



Bioactivity
Activity Measured by its binding ability in a functional ELISA. Immobilized Human CCR4 at 10 ug/ml can bind Anti-CCR4 recombinant antibody, the EC50 is 362.3-630.8 ng/mL.

Application Data
The presence of VLP-like structures was confirmed by TEM



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

ADDITIONAL INFORMATION

Product Categories/Family for CCR4 recombinant protein	MP-VLP Transmembrane Protein & Active Protein & In Stock Protein
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031627
NCBI GeneID	1233
NCBI Accession #	NP_005499.1
NCBI GenBank Nucleotide #	NM_005508.4
UniProt Accession #	P51679; Q9ULY6; Q9ULY7
Molecular Weight	41,403 Da
NCBI Official Full Name	C-C chemokine receptor type 4
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 4
NCBI Official Symbol	CCR4
NCBI Official Synonym Symbols	CKR4; K5-5; CD194; CMKBR4; ChemR13; CC-CKR-4; HGCN:14099
NCBI Protein Information	C-C chemokine receptor type 4; CCR-4; C-C CKR-4; chemokine (C-C) receptor 4

UniProt Protein Name	C-C chemokine receptor type 4
UniProt Gene Name	CCR4
UniProt Synonym Gene Names	CMKBR4; C-C CKR-4; CC-CKR-4; CCR-4; CCR4
UniProt Entry Name	CCR4_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.

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Online datasheet: <https://stage.aaabiotech.com/ccr4-recombinant-protein-mammalian-cell/279256>