

C-C chemokine receptor type 9 (CCR9) Recombinant Protein | CCR9 recombinant protein

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

CATALOG #
AAA279259

HOST
Mammalian cell

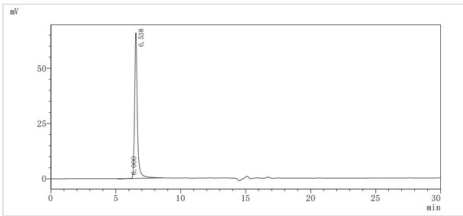
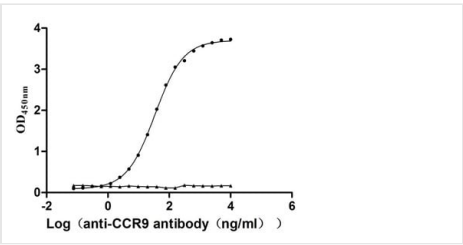
PRODUCT SYNONYMS

C-C chemokine receptor type 9 (CCR9); Recombinant Human C-C chemokine receptor type 9 (CCR9)-VLPs (Active); C-C CKR-9; CC-CKR-9; CCR-9; G-protein coupled receptor 28; GPR-9-6; CCR9 recombinant protein

PRODUCT SPECIFICATIONS

Host	Mammalian cell
Purity/Purification	The purity of CCR9 was greater than 95% as determined by SEC-HPLC.
Form/Format	Lyophilized powder Lyophilized from a 0.2 um filtered PBS, 6% Trehalose, pH 7.4
Sequence Positions	1-369aa; Full Length
Sequence	MTPTDFTSPI PNMADDYGSE STSSMEDYVN FNFTDFYCEK NNVRFQFASHF LPPLYWLVI VGALGNSLVI LVYWYCTRVK TMTDMFLLNL AIADLLFLVT LPFWAIAAAD QWKQTFMCK VVNSMYKMNF YSCVLLIMCI SVDRYIAIAQ AMRAHTWREK RLLYSKMOVCF TIWVLAAALC IPEILYSQIK EESGIAICTM VYPSDESTKL KSAVLTLKVI LGFFLPFVVM ACCYTHIHT LIQAKKSSKH KALKVTITVL TVFVLSQFPY NCILLVQTID AYAMFISNCA VSTNIDICFQ VTQTIAFFHS CLNPVLYVFV GERFRDLVK TLKNLGCISQ AQWVSFTRRE GSLKLSSMLL ETTSGALSL
Species	Homo sapiens (Human)
Tag	C-terminal 10xHis-tagged (This tag can be tested only under denaturing conditions)
Research Area	ImmunologyLess 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 CCR9 at 10 ug/mL can bind Anti-CCR9 recombinant antibody. The EC50 is 31.67-36.83 ng/mL.The VLPs is negative control.
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

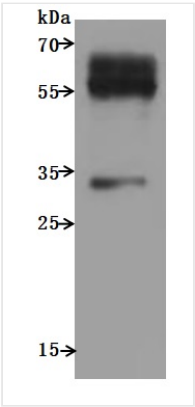


Bioactivity

Measured by its binding ability in a functional ELISA. Immobilized Human CCR9 at 10ug/mL can bind Anti-CCR9 recombinant antibody , the EC50 is 31.67-36.83 ng/mL.The VLPs is negative control.

Application Data

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



Application Data

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

ADDITIONAL INFORMATION

Related Product Information for CCR9 recombinant protein	Receptor for chemokine SCYA25/TECK. Subsequently transduces a signal by increasing the intracellular calcium ions level.
Product Categories/Family for CCR9 recombinant protein	MP-VLP Transmembrane Protein & Active Protein & In Stock Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	114152781
NCBI GeneID	10803
UniProt Accession #	P51686 ; Q4VBM3 ; Q549E0 ; Q9UQQ6
Molecular Weight	40,713 Da
NCBI Official Full Name	C-C chemokine receptor type 9
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 9
NCBI Official Symbol	CCR9
NCBI Official Synonym Symbols	GPR28; CDw199; GPR-9-6; CC-CKR-9
NCBI Protein Information	C-C chemokine receptor type 9; G protein-coupled receptor 28
UniProt Protein Name	C-C chemokine receptor type 9
UniProt Gene Name	CCR9
UniProt Synonym Gene Names	GPR28; C-C CKR-9; CC-CKR-9; CCR-9

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/ccr9-recombinant-protein-mammalian-cell/279259>