

CCR6 Protein-VLP, Human, Recombinant (Flag)

General Information

Synonyms:	CMKBR6;DRY-6;CKRL3;CKR-L3;CC-CKR-6;GPR-CY4;GPR29;BN-1;CCR-6;DCR2;C-C CKR-6;STRL22;CD196;GPRCY4;DRY6
Protein Construction:	A DNA sequence encoding the Human CCR6 (P51684) (Met1-Met374) was expressed with a flag tag at the N-terminus.
Species:	Human
Expression Host:	HEK293 Cells
Accession:	P51684
Molecular Weight:	43.49 kDa (predicted)

QC Testing

Biological Activity:	Immobilized CCR6 Protein-VLP, Human, Recombinant (Flag) (Cat#TMPY-07064) at 5 µg/mL (100 µL/well) can bind Anti-CCR6 Monoclonal Antibody, Human IgG1, the EC50 is 1-5 ng/mL.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Supplied as sterile 50 mM Hepes, 150 mM NaCl, 10% Trehalose, pH 7.2. Please contact us for any concerns or special requirements. Please refer to the specific buffer information in the hardcopy of datasheet or the lot-specific COA.

Preparation and Storage

Stability & Storage:	Samples are stable for up to twelve months from date of receipt at -70°C. Store it under sterile conditions at -70°C or lower. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. <small>Actual storage temperature shall be subject to the COA.</small>
Shipping:	Proteins are shipped with blue ice.

Protein Background

Chemokine receptors CCR6 and CCR7 have been reported to play important roles in T cell migration and organ-specific metastasis of various tumors. The expression levels of CCR6 and CCR7 in tumor tissues in patients with lymph node metastases than those without lymph node metastases. CCR6 and CCR7 expressions were also detected in metastatic lymph nodes. CCR6(+) subset of CD4(+) regulatory T cells, a newly characterized subset of Tregs, has been reported to contribute to local immune inhibition. There is a new subset of tumor-resident Tregs, CCR6(+) Tregs, may be dominantly responsible for the immunosuppression in tumor immunity and a potential predictor of the poor prognosis of breast cancer.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481