Human CCR7/CD197 Protein (VLP, Flag Tag)

Catalog Number: 12112-H25H

General Information

Gene Name Synonym:

BLR2,CC-CKR-7,CCR-7,CD197,CDw197,CMKBR7,EBI1,EVI1

Protein Construction:

A DNA sequence encoding the Human CCR7-VLP (Full Length) (P32248) (Met1-Leu344, thermostabilizing mutations) was fused with a flag tag at the C-terminus. This protein was prepared using our VLP platform.
As an innovative technology platform, VLPs are generated through the self-assembly of viral proteins in HEK293 cells. This process efficiently integrates membrane proteins onto the VLP surface, preserving their native conformation and yielding soluble, high-concentration proteins that are ideally suited for immunization and antibody screening.

Source: Human

Expression Host: HEK293 Cells

QC Testing

Purity:

Bio Activity:

1.Immobilized Recombinant Human CCR7/CD197 Protein (VLP,Flag Tag) (Cat: 12112-H25H) at 5 μg/mL (100 μL/well) can bind JBH492-Derived Anti-CCR7 Antibody, Human IgG1, the EC50 is 15-55 ng/mL(QC tested).
2.Immobilized Recombinant Human CCR7/CD197 Protein (VLP,Flag Tag) (Cat: 12112-H25H) at 5 μg/mL (100 μL/well) can bind CAP100-Derived Anti-CCR7 Antibody, Human IgG1, the EC50 is 5-25 ng/mL(Routinely tested).

Endotoxin:

< 1.0 EU per μg protein as determined by the LAL method.

Predicted N terminal: Met 1

Molecular Mass:

The recombinant Human CCR7 consists of 352 amino acids and predicts a molecular mass of 39.96 kDa.

Formulation:

Supplied as sterile 50 mM Hepes,150 mM NaCl, 10% Trehalose, Protease Inhibitor, pH 7.2.

Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Stability & Storage:
Samples are stable for twelve months from date of receipt at -20℃ to -80℃.

Store it under sterile conditions at -20℃ to -80℃ upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE: