

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 32-17185: Recombinant human CCR7 protein with C-terminal human Fc tag

Alternative Name: BLR2; CC-CKR-7; CCR-7; CD197; CDw197; CMKBR7; EBI1

## **Description**

Expression Host: HEK293

The protein has a predicted molecular mass of 29.37 kDa after removal of the signal peptide.

The protein encoded by this gene is a member of the G protein-coupled receptor family. This receptor was identified as a gene induced by the Epstein-Barr virus (EBV), and is thought to be a mediator of EBV effects on B lymphocytes. This receptor is expressed in various lymphoid tissues and activates B and T lymphocytes. It has been shown to control the migration of memory T cells to inflamed tissues, as well as stimulate dendritic cell maturation. The chemokine (C-C motif) ligand 19 (CCL19/ECL) has been reported to be a specific ligand of this receptor. Signals mediated by this receptor regulate T cell homeostasis in lymph nodes, and may also function in the activation and polarization of T cells, and in chronic inflammation pathogenesis. Alternative splicing of this gene results in multiple transcript variants.

## **Product Info**

Amount:  $50 \mu g$ 

**Purification :** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

**Content:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants

before lyophilization.

**Storage condition :** Store at -80°C for 12 months (Avoid repeated freezing and thawing)