

HDFP498

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**Product Information**

<b>Product SKU:</b>	HDFP498	<b>Expression Host:</b>	HEK293	<b>Size:</b>	50µg
<b>Target:</b>	CCR7	<b>Tag:</b>	-		

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**Additional Information**

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	P32248
<b>Molecular Weight:</b>	The human full length CCR7 protein has a MW of 42.9 kDa		

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**Protein Information**

**Background:** The protein 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.

**Synonyms:** BLR2; CC-CKR-7; CCR-7; CD197; CDw197; CMKBR7; EB11

**Protein Description:** Human CCR7 full length protein-MNP

**Formulation:** Lyophilized from PBS. Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.

**Protein Pathways:** Chemokine signaling pathway, Cytokine-cytokine receptor interaction.

**Protein Families:** Druggable Genome, GPCR, Transmembrane.

**Usage:** Research use only

**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

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