

Product datasheet for TP306614M

CCR7 (NM_001838) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chemokine (C-C motif) receptor 7 (CCR7), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206614 protein sequence Red=Cloning site Green=Tags(s)
	MDLGKPMKSVLVVALLVIFQVCLCQDEVTDDYIGDNNTVDYTLFESLCSKKDVRNFKAWFLPIMYSIICF VGLLGNGLVLTYYFKRLKMTDTYLLNLAVADILFLLTLPFWAYSAAKSWVFGVHFCKLIFAIYKMSF FSGMLLLLCISIDRYVAIVQAVSAHRHRARVLLISKLSCVGIWILATVLSIPELLYSDLQRSSEQAMRC SLITEHVAFITIQVQMVGFLVPLLAMSFYLVIIIRTLQARNFERNKAIKVIIAVVVVIFVQLPYN GVVLAQTVANFNITSSTCELSKQLNIAYDVTYSLACVRCCVNPFLYAFIGVKFRNDLFLKFKDLGCLSQE QLRQWSSCRHIRRSSMSVEAETTTTFSP
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	40.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001829
Locus ID:	1236



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UniProt ID: [P32248](#), [A0N0Q0](#)

RefSeq Size: 2207

Cytogenetics: 17q21.2

RefSeq ORF: 1134

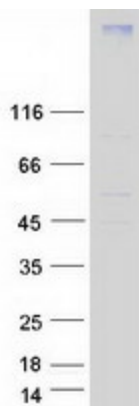
Synonyms: BLR2; CC-CKR-7; CCR-7; CD197; CDw197; CMKBR7; EB11

Summary: 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. [provided by RefSeq, Sep 2014]

Protein Families: Druggable Genome, GPCR, Transmembrane

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

Product images:



Coomassie blue staining of purified CCR7 protein (Cat# [TP306614]). The protein was produced from HEK293T cells transfected with CCR7 cDNA clone (Cat# [RC206614]) using MegaTran 2.0 (Cat# [TT210002]).