

Recombinant Human ACKR2 Protein, His-tagged

Cat. No. ACKR2-212H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human atypical chemokine receptor 2(ACKR2)(NM_001296), with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	This gene encodes a beta chemokine receptor, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. Chemokines and their receptor-mediated signal transduction are critical for the recruitment of effector immune cells to the inflammation site. This gene is expressed in a range of tissues and hemopoietic cells. The expression of this receptor in lymphatic endothelial cells and overexpression in vascular tumors suggested its function in chemokine-driven recirculation of leukocytes and possible chemokine effects on the development and growth of vascular tumors. This receptor appears to bind the majority of beta-chemokine family members; however, its specific function remains unknown. This gene is mapped to chromosome 3p21.3, a region that includes a cluster of chemokine receptor genes.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.56, without any preservatives.
Molecular Mass	43.3 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)

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Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.
GENE INFORMATION	
Gene Name	ACKR2 atypical chemokine receptor 2 [Homo sapiens (human)]
Official Symbol	ACKR2
Synonyms	ACKR2; atypical chemokine receptor 2; CCBP2; chemokine binding protein 2; CMKBR9; chemokine-binding protein 2; CCR9; CCR10; D6; chemokine receptor D6; chemokine receptor CCR-9; C-C chemokine receptor D6; chemokine receptor CCR-10; chemokine (C-C) receptor 9; chemokine-binding protein D6; chemokine (C-C motif) receptor 9; CC-chemokine-binding receptor JAB61; hD6; MGC126678; MGC138250;
Gene ID	1238
mRNA Refseq	NM_001296
Protein Refseq	NP_001287
MIM	602648
UniProt ID	O00590