

Recombinant Human ACKR2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ACKR2-1629H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CCBP2 MS Standard C13 and N15-labeled recombinant protein (NP_001287) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	<p>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.</p>
Molecular Mass	43.4 kDa
AA Sequence	MAATASPQPLATEDADSENSSFYYYDYLDVAFMLCRKDAVVSFGKVFLPVFYSLIF VLGLSGNLLLLMVLRLRYVPRRRMVEIYLLNLAISNLLFLVTLPLFWGISVAWHWVFGSF

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LCKMVSTLYTINFYSGIFFISCMMSLDKYLEIVHAQPYHRLRTRAKSLLLATIVWAVSLAV
 SIPDMVVFVQTHENPKG VWNCHADFGGHGTIWKFLRFQQNLLGFLPLLAMIFFYSR
 IGCVLVRLRPAGQGGRALKIAAALVVAFFVLWFPYNLTLFLHTLLDLQVFGNCEVSQHL
 DYALQVTESIAFLHCCFSPILYAFSSHRFRQYLKAFLAAVLGWHLAPGTAQASLSSCS
 ESSILTAQEEMTGMNDLGERQSENYPNKEDVGNKSATRTRPLEQKLISEEDLAANDI
 LDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ACKR2 atypical chemokine receptor 2 [Homo sapiens (human)]

Official Symbol ACKR2

Synonyms ACKR2; atypical chemokine receptor 2; D6; hD6; CCR9; CCBP2; CCR10; CMKBR9; atypical chemokine receptor 2; C-C chemokine receptor D6; CC-chemokine-binding receptor JAB61; chemokine (C-C motif) receptor 9; chemokine (C-C) receptor 9; chemokine receptor CCR-10; chemokine receptor CCR-9; chemokine receptor D6; chemokine-binding protein 2; chemokine-binding protein D6

Gene ID 1238

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mRNA Refseq [NM_001296](#)

Protein Refseq [NP_001287](#)

MIM [602648](#)

UniProt ID [O00590](#)

SDS-PAGE



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