

Recombinant Human ACKR2 Protein

Cat. No. ACKR2-0495H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACKR2 full-length ORF (NP_001287.2) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2008]</p>
Form	Liquid
Molecular Mass	43.4 kDa
AA Sequence	MAATASPQPLATEDADSENSSFYYYYDYLDEVAFMLCRKDAVVSGKVFPLPVFYSLIF VLGLSGNLLLLMVLLRYVPRRRMVEIYLLNLAISNLLFLVTLFPWGISVAWHWVFGSF LCKMVSTLYTINFYSGIFFISCMMSLDKYLEIVHAQPYHRLRTRAKSLLLATIVWAVSLAV

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SIPDMVFVQTHENPKGWNCHADFGGHGTIWKLFLRFQQNLLGFLPLLAMIFFYSR
IGCVLVRLRPAGQGRALKIAAALVVAFFVLWFPYNLTFLHTLLDLQVFGNCEVSQHL
DYALQVTESIAFLHCCFSPILYAFSSHRFRQYLKAFLAAVLGWHLAPGTAQASLSSCS
ESSILTAQEEMTGMNDLGERQSENYPNKEDVGNKSA

Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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

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mRNA Refseq	NM_001296
Protein Refseq	NP_001287
MIM	602648
UniProt ID	O00590

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