

Recombinant Full Length Human ACKR2 Protein

Cat. No. ACKR2-2802HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACKR2 full-length ORF (NP_001287.2) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	275 amino acids
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. [provided by RefSeq, Jul 2008]
Form	Liquid
Molecular Mass	43.4 kDa
AA Sequence	MAATASPQPLATEDADSENSSFYYYDYLDVAFMLCRKDAVVSFGKVFLPVFYSLIF

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VLGLSGNLLLLMVLLRYVPRRRMVEIYLLNLAISNLLFLVTLFPWGISVAWHWVFGSF
LCKMVSTLYTINFYSGIFFISCMISLDKYLEIVHAQPYHRLRTRAKSLLLATIVWAVSLAV
SIPDMVFVQTHENPKG VWNCHADFGGHGTIWKLFLRFQQNLLGFLPLLAMIFFYSR
IGCVLVRLRPAGQGRALKIAAALVVAFFVLWFPYNLTFLHTLLDLQVFGNCEVSQHL
DYALQVTESIAFLHCCFSPILYAFSSHRFRQYLKAFLAAVLGWHLAPGTAQASLSSCS
ESSILTAQEEMTGMNDLGERQSENYPNKEDVGNKSA

Applications

Antibody Production
Functional Study
Compound Screening

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

mRNA Refseq

NM_001296

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Protein Refseq	NP_001287
MIM	602648
UniProt ID	O00590

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