

Recombinant Full Length Human ACKR2 Protein, GST-tagged

Cat. No. ACKR2-2807HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACKR2 full-length ORF (AAH08816, 1 a.a. - 384 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	384 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]
Molecular Mass	67.98 kDa
AA Sequence	MAATASPQPLATEDADSENSSFYYYDYLDEVAFMLCRKDAVVVSFGKVFLPVFYSLIF VLGLSGNLLLLMVLLRYVPRRRMVEIYLLNLAISNLLFLVTLPFWGISVAWHWVFGSF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LCKMVSTLYTINFYSGIFFISCMMSLDKYLEIVHAQPYHRLRTRAKSLLLATIVWAVSLAV
SIPDMVFVQTHENPKG VWNCHADFGGHGTIWKFLRFQQNLLGFLPLLAMIFFYSR
IGCVLVRLRPAGQGRALKIAAALVVAFFVLWFPYNLTFLHTLLDLQVFGNCEVSQHL
DYALQVTESIAFLHCCFSPILYAFSSHRFRQYLKAFLAAVLGWHLAPGTAQASLSSCS
ESSILTAQEEMTGMNDLGERQSENYPNKEDVGNKSA

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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