

## Recombinant Human ACKR2 Protein, GST-Tagged

Cat. No. ACKR2-0496H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human ACKR2 full-length ORF (AAH08816, 1 a.a. - 384 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	<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>
<b>Molecular Mass</b>	67.98 kDa
<b>AA Sequence</b>	<p>MAATASPQPLATEDADSENSSFYYYYDYLDEVAFMLCRKDAVVVSGKVFLPVFYSLIF VLGLSGNLLLLMVLRLRYVPRRRMVEIYLLNLAISNLLFLVTLPLFWGISVAWHWVFGSF LCKMVSTLYTINFYSGIFFISCMISLDKYLEIVHAQPYHRLRTRAKSLLLATIVWAVSLAV</p>

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

SIPDMVFVQTHENPKG VWNCHADFGGGHGTIWKLFLRFQQNLLGFLPLLAMIFFYSR  
 IGCVLVRLRPAGQGRALKIAAALVVAFFVLWFPYNLTLFLHTLLDLQVFGNCEVSQHL  
 DYALQVTESIAFLHCCFSPILYAFSSHRFRQYLKAFLAAVLGWHLAPGTAQASLSSCS  
 ESSILTAQEEMTGMNDLGERQSENYPNKEDVGNKSA

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

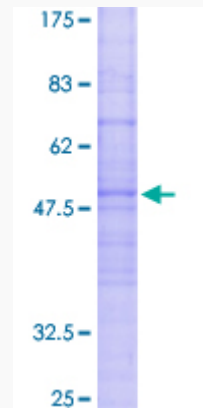
<b>Gene Name</b>	ACKR2 atypical chemokine receptor 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	ACKR2
<b>Synonyms</b>	ACKR2; atypical chemokine receptor 2; CCBP2; chemokine binding protein 2; CMKBR9; chemokine-binding protein 2; CCR9; CCR10; D6; chemokine receptor D6; chemokine receptor CCR-9; C-C 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;
<b>Gene ID</b>	1238
<b>mRNA Refseq</b>	NM_001296

**Protein Refseq** NP\_001287

**MIM** 602648

**UniProt ID** O00590

**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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