

Product datasheet for **TP302459**

Chemokine Receptor D6 (ACKR2) (NM_001296) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human chemokine binding protein 2 (CCBP2), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC202459 protein sequence Red =Cloning site Green =Tags(s) |
| | <p>MAATASPQPLATEDADSENSSFYYYDYLDEVAFMLCRKDAVVSFGKVFLPVFYSLIFVLGLSGNLLLLMV LLRYVPRRRMVEIYLLNLAINLLFLVTLPFWGISVAWHWVFGSFLCKMVSTLYTINFYSGIFFISCM DKYLEIVHAQPYHRLRTRAKSLLLATIVWAVSLAVSIPDMVFVQTHENPKGWNCHADFGGHGTIWKFL RFQQNLLGFLPLLAMIFFYSRIGCVLRLRPAGQGRALKIAAALVVAFFVLWFPYNLTFLHTLLDLQV FGNCEVSQHLDYALQVTESIAFLHCCFSPILYAFSSHRFRQYLKAFLAAVLGWHLAPGTAQASLSSCES SILTAQEEMTGMNDLGERQSENYPNKEDVGNKSA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-Myc/DDK |
| Predicted MW: | 43.3 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_001287</u> |
| Locus ID: | 1238 |



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UniProt ID: [O00590](#)

RefSeq Size: 2978

Cytogenetics: 3p22.1

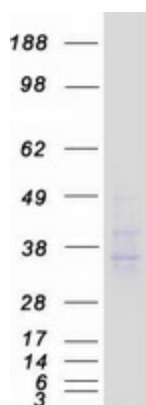
RefSeq ORF: 1152

Synonyms: CCBP2; CCR9; CCR10; CMKBR9; D6; hD6

Summary: 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]

Protein Families: Druggable Genome, GPCR, Transmembrane

Product images:



Coomassie blue staining of purified ACKR2 protein (Cat# TP302459). The protein was produced from HEK293T cells transfected with ACKR2 cDNA clone (Cat# [RC202459]) using MegaTran 2.0 (Cat# [TT210002]).