

## Active Recombinant Human CCR4 Full Length Transmembrane protein (1-360 aa), His-tagged

**Cat. No.** CCR4-274H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CCR4 Protein (1-360 aa), fused with C-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 1-360aa                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                            |
| <b>Bio-activity</b>     | Measured by its binding ability in a functional ELISA. Immobilized Human CCR4 at 5 µg/mL can bind Anti-CCR4 recombinant antibody, the EC50 is 7.818-21.25 ng/mL.                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 44.9 kDa                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | <p>MNPTDIADTTLDESIYSNYYLYESIPKPCTKEGIKAFGELFLPPLYSLVFVFGLLGNSV</p> <p>VVLVLFKYKRLRSMTDVYLLNLAISDLLFVFSLPFWGYAADQWVFGGLGCKMISWM</p> <p>YLVGFYSIGIFFVMLMSIDRYLAIVHAVFSLRARTLTGYVITSLATWSVAVFASLPGFLF</p> <p>STCYTERNHTYCKTKYSLNSTTWKVLSSLEINILGLVIPLGIMLFCYSMIIRTLQHCKNE</p> <p>KKNKAVKMIFAVVVLFLGFWTPYNIVLFLETLELEVLQDCTFERYLDAIQATETLAF</p> |

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|                       |                                                                                                                                                                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       | VHCCLNPIIYFFLGEKFRKYILQLFKTCRGLFVLCQYCGLLQIYSADTPSSSYTQSTMD<br>HDLHDAL                                                                                                                                                                                        |
| <b>Purity</b>         | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>        | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b> | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CCR4 chemokine (C-C motif) receptor 4 [ Homo sapiens ]                                                                                                                                                   |
| <b>Official Symbol</b> | CCR4                                                                                                                                                                                                     |
| <b>Synonyms</b>        | CCR4; chemokine (C-C motif) receptor 4; C-C chemokine receptor type 4; CC CKR 4; CD194; ChemR13; CKR4; CMKBR4; k5 5; CCR-4; C-C CKR-4; chemokine (C-C) receptor 4; K5-5; CC-CKR-4; HGCN:14099; MGC88293; |
| <b>Gene ID</b>         | 1233                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>     | NM_005508                                                                                                                                                                                                |
| <b>Protein Refseq</b>  | NP_005499                                                                                                                                                                                                |
| <b>MIM</b>             | 604836                                                                                                                                                                                                   |
| <b>UniProt ID</b>      | P51679                                                                                                                                                                                                   |

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