

Recombinant Human CCR6 293 Cell Lysate

Cat. No. CCR6-7692HCL **Lot. No.** (See product label)

SPECIFICATION

| | |
|----------------------------|---|
| Species | Human |
| Source | HEK293 |
| Description | Antigen standard for chemokine (C-C motif) receptor 6 (CCR6), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection. |
| Components | This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol). |
| Size | 0.1 mg |
| Storage Instruction | Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment. |
| Applications | ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the |

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

| | |
|----------------------------|---|
| Gene Name | CCR6 chemokine (C-C motif) receptor 6 [Homo sapiens] |
| Official Symbol | CCR6 |
| Synonyms | CCR6; chemokine (C-C motif) receptor 6; STRL22; C-C chemokine receptor type 6; BN 1; CD196; CKR L3; CMKBR6; DCR2; DRY 6; GPR CY4; GPR29; LARC receptor; chemokine receptor-like 3; chemokine (C-C) receptor 6; G protein-coupled receptor 29; G-protein coupled receptor 29; seven-transmembrane receptor, lymphocyte, 22; BN-1; DRY6; CCR-6; CKRL3; CKR-L3; GPRCY4; CC-CKR-6; C-C CKR-6; |
| Gene ID | 1235 |
| mRNA Refseq | NM_031409 |
| Protein Refseq | NP_113597 |
| MIM | 601835 |
| UniProt ID | P51684 |
| Chromosome Location | 6q27 |
| Pathway | Beta defensins, organism-specific biosystem; Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor |

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interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;

Function

C-C chemokine receptor activity; G-protein coupled receptor activity; chemokine receptor activity; receptor activity; signal transducer activity;

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