

## Recombinant Human CXCR2 HEK293T cell lysate

Cat. No. CXCR2-21HCL Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human CXCR2, transcript variant 2, over-expression lysate was derived from Human HEK293T cell line.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Form</b>	The cell lysate is provided in RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSF and 1mM Na3VO4).
<b>Molecular Mass</b>	41.2 kDa
<b>Usage</b>	1 vial of 100 g gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 g empty vector transfected control cell lysate in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromphenol blue, 100mM DTT)
<b>Storage</b>	The lysate is shipped with dry ice. Upon receiving, store the sample at -20centigrade. Lysate samples are stable for 12 months from date of receipt when stored at -20centigrade. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -20centigrade for long term storage. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

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## GENE INFORMATION

<b>Gene Name</b>	CXCR2 chemokine (C-X-C motif) receptor 2 [ Homo sapiens ]
<b>Official Symbol</b>	CXCR2
<b>Synonyms</b>	CXCR2; chemokine (C-X-C motif) receptor 2; IL8RB, interleukin 8 receptor, beta; C-X-C chemokine receptor type 2; CD182; CMKAR2; CXC-R2; CXCR-2; IL-8R B; GRO/MGSA receptor; IL-8 receptor type 2; interleukin 8 receptor B; chemokine (CXC) receptor 2; interleukin 8 receptor, beta; interleukin 8 receptor type 2; interleukin-8 receptor type B; CXCR2 gene for IL8 receptor type B; high affinity interleukin-8 receptor B; IL8R2; IL8RA; IL8RB; CDw128b;
<b>Gene ID</b>	3579
<b>mRNA Refseq</b>	NM_001168298
<b>Protein Refseq</b>	NP_001161770
<b>MIM</b>	146928
<b>UniProt ID</b>	P25025
<b>Chromosome Location</b>	2q35
<b>Pathway</b>	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 interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Endocytosis, organism-

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specific biosystem;

**Function**

C-X-C chemokine receptor activity; G-protein coupled receptor activity; interleukin-8 binding; interleukin-8 receptor activity; receptor activity; signal transducer activity;

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