

## Recombinant Human CXCR5 cell lysate

**Cat. No.** CXCR5-426HCL    **Lot. No.** (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	This gene was identified as a gene specifically expressed in Burkitts lymphoma and lymphatic tissues. The protein encoded by this gene is predicted to be a seven transmembrane G protein- coupled receptor and belongs to the CXC chemokine receptor family. BLC, a B-lymphocyte chemoattractant, was identified to be a specific ligand for this receptor. Studies of this gene and its mouse counterpart strongly suggest the essential function of this gene in B cell migration and localization within specific anatomic compartments, such as follicles in lymph nodes as well as in spleen. Two alternatively spliced variants of this gene exist.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	CXCR5 chemokine (C-X-C motif) receptor 5 [ Homo sapiens ]
<b>Official Symbol</b>	CXCR5
<b>Synonyms</b>	CXCR5; chemokine (C-X-C motif) receptor 5; BLR1, Burkitt lymphoma receptor 1,

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GTP binding protein (chemokine (C X C motif) receptor 5) , Burkitt lymphoma receptor 1, GTP binding protein; C-X-C chemokine receptor type 5; CD185; MDR15; CXC-R5; CXCR-5; MDR-15; monocyte-derived receptor 15; Burkitt lymphoma receptor 1, GTP-binding protein; Burkitt lymphoma receptor 1, GTP binding protein (chemokine (C-X-C motif) receptor 5); BLR1; MGC117347;

**Gene ID** [643](#)

**mRNA Refseq** [NM\\_001716](#)

**Protein Refseq** [NP\\_001707](#)

**MIM** [601613](#)

**UniProt ID** [P32302](#)

**Chromosome Location** 11q23.3

**Pathway** 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; G alpha (i) signalling events, organism-specific biosystem;

**Function** C-X-C chemokine receptor activity; G-protein coupled receptor activity; receptor activity; signal transducer activity;

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