

Recombinant Full Length Human CXCR5 Protein

Cat. No. CXCR5-110HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human full-length CXCR5 protein was expressed in vitro wheat germ expression system.
Species	Human
Source	In Vitro Cell Free System
Description	This gene was identified as a gene specifically expressed in Burkitt's 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.
Form	Liquid.
Molecular Mass	42kDa
AA Sequence	MNYPLTLEMD LENLEDLFEW LDRLDNYNDT SLVENHLCPA TEGPLMASFK AVFVVPVAYSL IFLGIVIGNV LVLVILERHR QTRSSTETFL FHLAVADLLL VFILPFAVAE GSVGWVLGTF LCKTVIALHK VNFYCSSL LACIAVDRYLA IVHAVHAYRH RRLLSIHITC GTIWLVGFL ALPEILFAKV SQGHHNNSLP RCTFSQENQA ETHAWFTSRF LYHVAGFLLP MLVMGWCVYG VVHRLRQAQR

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RPQRQKAVRV AILVTSIFFL CWSPYHIVIF LDTLARLKAV DNTCKLNGSL
 PVAITMCEFL GLAHCCLNPM LYTFAGVKFR SDLSRLLTKL GCTGPASLCQ
 LFPSWRRSSL SESENATSLT TF

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 25 mM Tris-HCl of pH 8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name CXCR5 chemokine (C-X-C motif) receptor 5 [Homo sapiens]

Official Symbol CXCR5

Synonyms

CXCR5; chemokine (C-X-C motif) receptor 5; BLR1, Burkitt lymphoma receptor 1, 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

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