

Proteoliposomes

Full-Length

CXCR5 (Human) Recombinant Protein

Catalog # H00000643-G01

Size 10 ug

Specification

Product Description	Human CXCR5 full-length ORF (NP_001707.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MNYPLTLEMDLENLEDFWELDRLDNYNDTSLVENHLC PATEGPLMASFKAVFVPVAYSLIFLLG VIGNVLVLVILERHRQTRSSTETFLFHLAVADLLL VFILPFAVAEGSVGWVLGTFLCKTVIALHKVNF YCSSL LACIAVDRYLAMHAVHAYRHRRLLSIHITCGTIWL VGFLALPEILFAKVSQGHNNSLPRC TFSQENQAETHAWFTSRFLYHVAGFLLPMLVMGWCYVGVVHRLRQAQRRPQRQKAVRVAILVTS IFFLCWSPYHMF LDTLARLKAVDNTCKLNGSLPVAITMCEFLGLAHCCCLNPMLYTFAGVKFRSDL SRL LTKLGCTGPASLCQLFPSWRRSSLSESENATSLTTF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	42
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — CXCR5

Entrez GeneID [643](#)

GeneBank Accession# [NM_001716.2](#)

Protein Accession# [NP_001707.1](#)

Gene Name CXCR5

Gene Alias BLR1, CD185, MDR15, MGC117347

Gene Description chemokine (C-X-C motif) receptor 5

Omim ID [601613](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations Burkitt lymphoma receptor 1|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|monocyte-derived receptor 15

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)