



Human CXCR5 peptide (DAG-P0398)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a multi-pass membrane protein that belongs to the CXC chemokine receptor family. It is expressed in mature B-cells and Burkitts lymphoma. This cytokine receptor binds to B-lymphocyte chemoattractant (BLC), and is involved in B-cell migration into B-cell follicles of spleen and Peyer patches. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]
Specificity	Expression in mature B-cells and Burkitt lymphoma cells.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the G-protein coupled receptor 1 family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	CXCR5 chemokine (C-X-C motif) receptor 5 [Homo sapiens (human)]
Official Symbol	CXCR5
Synonyms	CXCR5; chemokine (C-X-C motif) receptor 5; BLR1; CD185; MDR15; C-X-C chemokine receptor type 5; 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);
Entrez Gene ID	643

mRNA Refseq	NM_001716.4
Protein Refseq	NP_001707.1
UniProt ID	A0N0R2
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; GPCR downstream signaling, organism-specific biosystem; GPCR ligand b
Function	C-X-C chemokine receptor activity; G-protein coupled receptor activity; protein binding;