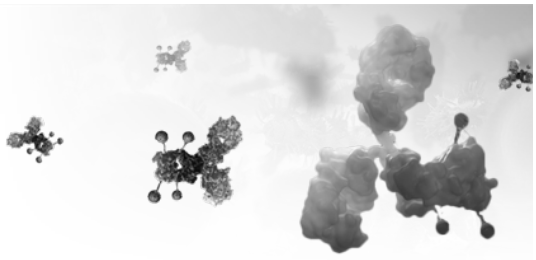

Mouse CCR4 peptide (DAG-P0238)

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

PRODUCT INFORMATION

Antigen Description	High affinity receptor for the C-C type chemokines CCL17/TARC and CCL22/MDC. The activity of this receptor is mediated by G(i) proteins which activate a phosphatidylinositol-calcium second messenger system. Can function as a chemoattractant homing receptor on circulating memory lymphocytes and as a coreceptor for some primary HIV-2 isolates. In the CNS, could mediate hippocampal-neuron survival.
Specificity	Predominantly expressed in the thymus, in peripheral blood leukocytes, including T-cells, mostly CD4+ cells, and basophils, and in platelets; at lower levels, in the spleen and in monocytes. Detected also in macrophages, IL-2-activated natural killer cell
Purity	70 - 90% by HPLC.
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	Ccr4 chemokine (C-C motif) receptor 4 [Mus musculus (house mouse)]
Official Symbol	CCR4
Synonyms	CCR4; chemokine (C-C motif) receptor 4; LESTR; Sdf1r; CHEMR1; Cmkbr4; C-C CKR-4; C-C chemokine receptor type 4; fusin; chemokine (C-C) receptor 4; leukocyte-expressed seven-

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	transmembrane-domain receptor;
Entrez Gene ID	12773
mRNA Refseq	NM_009916.2
Protein Refseq	NP_034046.2
UniProt ID	P51680
Chromosome Location	9 F3; 9 64.49 cM
Pathway	Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, 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 downst
Function	C-C chemokine receptor activity; G-protein coupled receptor activity; chemokine receptor activity; signal transducer activity;

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