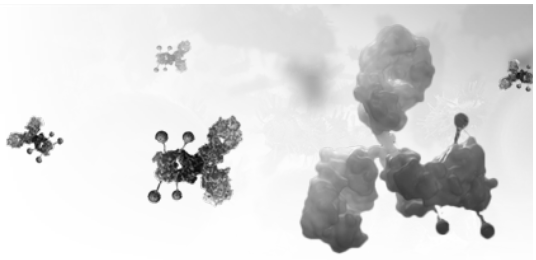

Human ACKR3 peptide (DAG-P0545)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the G-protein coupled receptor family. Although this protein was earlier thought to be a receptor for vasoactive intestinal peptide (VIP), it is now considered to be an orphan receptor, in that its endogenous ligand has not been identified. The protein is also a coreceptor for human immunodeficiency viruses (HIV). Translocations involving this gene and HMGA2 on chromosome 12 have been observed in lipomas. [provided by RefSeq, Jul 2008]
Specificity	Expressed in monocytes, basophils, and B-cells. Lower expression in CD4+ T-lymphocytes and natural killer 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	ACKR3 atypical chemokine receptor 3 [Homo sapiens (human)]
Official Symbol	ACKR3
Synonyms	ACKR3; atypical chemokine receptor 3; RDC1; CXCR7; RDC-1; CMKOR1; CXC-R7; CXCR-7; GPR159; G protein-coupled receptor; chemokine orphan receptor 1; G-protein coupled receptor 159; C-X-C chemokine receptor type 7; chemokine (C-X-C motif) receptor 7; G-protein coupled receptor RDC1 homolog;

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Entrez Gene ID	57007
mRNA Refseq	NM_020311.2
Protein Refseq	NP_064707.1
UniProt ID	P25106
Chromosome Location	2q37.3
Pathway	Chemokine receptors bind chemokines, organism-specific 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 binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Myometrial
Function	C-X-C chemokine binding; C-X-C chemokine receptor activity; coreceptor activity; protein binding; scavenger receptor activity;

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