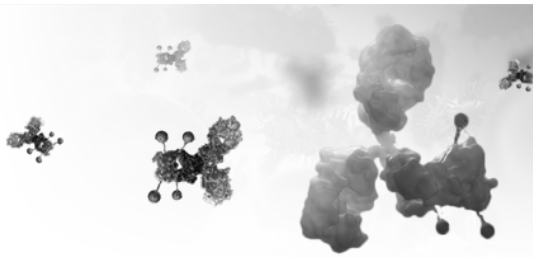

Human CXCR1 blocking peptide (CDBP0919)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CXCR1 antibody
Antigen Description	The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. Knockout studies in mice suggested that this protein inhibits embryonic oligodendrocyte precursor migration in developing spinal cord. This gene, IL8RB, a gene encoding another high affinity IL8 receptor, as well as IL8RBP, a pseudogene of IL8RB, form a gene cluster in a region mapped to chromosome 2q33-q36.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	CXCR1 chemokine (C-X-C motif) receptor 1 [Homo sapiens]
Official Symbol	CXCR1
Synonyms	CXCR1; chemokine (C-X-C motif) receptor 1; CMKAR1, IL8RA, interleukin 8 receptor, alpha; C-

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	X-C chemokine receptor type 1; CD181; CDw128a; CKR 1; CXC-R1; CXCR-1; IL-8R A; IL-8 receptor type 1; interleukin 8 receptor, alpha; interleukin-8 receptor type 1; interleukin-8 receptor type A; high affinity interleukin-8 receptor A; C-C; CD128; CKR-1; IL8R1; IL8RA; CMKAR1; IL8RBA; C-C-CKR-1;
Entrez Gene ID	3577
mRNA Refseq	NM_000634
Protein Refseq	NP_000625
UniProt ID	P25024
Chromosome Location	2q35
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; Endocytosis, organism-specific biosystem;
Function	G-protein coupled receptor activity; chemokine receptor activity; interleukin-8 binding; interleukin-8 receptor activity; receptor activity; signal transducer activity;

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