



Human CX3CL1 peptide (DAG-P0396)

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

PRODUCT INFORMATION

Antigen Description	The soluble form is chemotactic for T-cells and monocytes, but not for neutrophils. The membrane-bound form promotes adhesion of those leukocytes to endothelial cells. May play a role in regulating leukocyte adhesion and migration processes at the endothelium. Binds to CX3CR1.
Specificity	Small intestine, colon, testis, prostate, heart, brain, lung, skeletal muscle, kidney and pancreas.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the intercrine delta 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	CX3CL1 chemokine (C-X3-C motif) ligand 1 [Homo sapiens (human)]
Official Symbol	CX3CL1
Synonyms	CX3CL1; chemokine (C-X3-C motif) ligand 1; NTN; NTT; CXC3; CXC3C; SCYD1; ABCD-3; C3Xkine; fractalkine; neurotactin; fractalkine; C-X3-C motif chemokine 1; small-inducible cytokine D1; CX3C membrane-anchored chemokine; small inducible cytokine subfamily D (Cys-X3-Cys), member-1; small inducible cytokine subfamily D (Cys-X3-Cys), member 1 (fractalkine, neurotactin);

Entrez Gene ID	6376
mRNA Refseq	NM_002996.3
Protein Refseq	NP_002987.1
UniProt ID	A0N0N7
Chromosome Location	16q13
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; Direct p53 effectors, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Peptide ligand-binding recep
Function	chemokine activity; chemokine activity; protein binding; receptor binding;