

Specifications:

Gene:	hCXCL16
Accession:	NP_071342
Insert size:	835bp
Concentration:	10µg at 0.2µg/µL

hCXCL16 cDNA Plasmid

**CXCL16 C-X-C motif chemokine
ligand 16 [*Homo sapiens*
(human)]**

Also known as: SRPSOX; CXCLG16;
SR-PSOX

Summary:

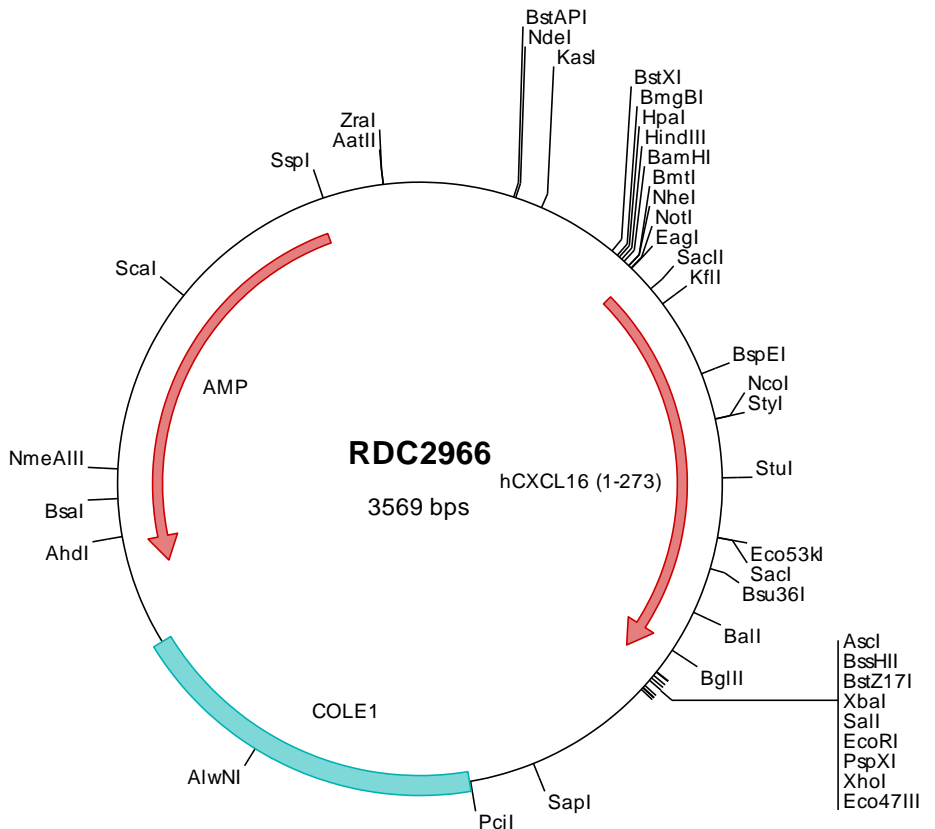
CXCL16 is a type I transmembrane protein containing a non-ELR motif-containing CXC chemokine domain in its extracellular region. Together with Fractalkine (CX3CL1), CXCL16 constitute the only two transmembrane chemokines within the superfamily. Functional CXCL16 can be shed from the cell surface as a soluble protein. The functional receptor for CXCL16 has been identified as CXCR6, a receptor previously shown to be a co-receptor for HIV entry. CXCL16 is a specific receptor for OxLDL but not LDL or acetyl-LDL.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



> RDC2966 Plasmid DNA Sequence

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> RDC2966 Translated Insert Sequence

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