

**Specifications:**

Gene:	mCxcl16
Accession:	NP_075647
Insert size:	754bp
Concentration:	10µg at 0.2µg/µL

**mCXCL16 cDNA  
Plasmid**

**Cxcl16 chemokine (C-X-C motif)  
ligand 16 [ *Mus musculus* (house  
mouse) ]**

**Also known as:** SR-PSOX;

Zmynd15; AV290116; BB024863;  
CXCL16v1; CXCL16v2; b2b498Clo;  
0910001K24Rik

**Summary:**

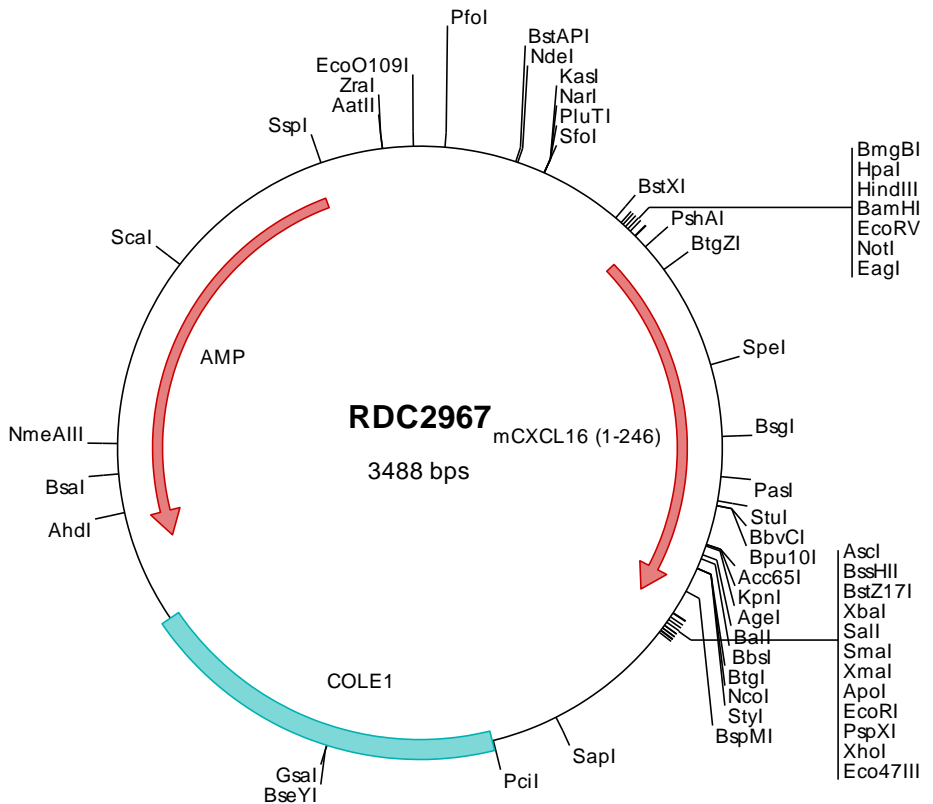
CXCL16 is a type I transmembrane protein containing a non-ELR motif-containing CXC chemokine domain in its extracellular region. Together with Fractalkine (CX3CL1), CXCL16 constitute the only two transmembrane chemokines within the superfamily. Functional CXCL16 can be shed from the cell surface as a 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.



> RDC2967 Plasmid DNA Sequence

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> RDC2967 Translated Insert Sequence

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