

Specifications:

Gene:	hCMKLR1
Accession:	NP_004063
Insert size:	1128bp
Concentration:	10µg at 0.2µg/µL

hChemR23 cDNA Plasmid

CMKLR1 chemokine-like receptor 1 [*Homo sapiens* (human)]

Also known as: DEZ; RVER1; ChemR23; CHEMERINR

Summary:

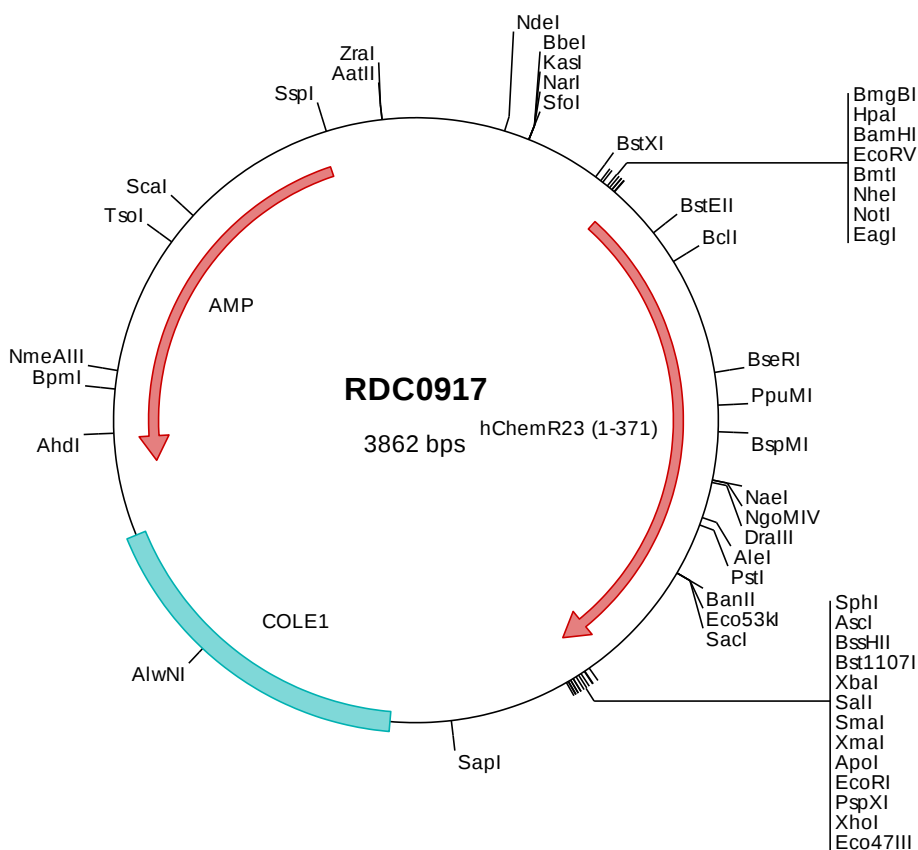
ChemR23 is a G protein-coupled chemoattractant receptor, which binds several different ligands, and is expressed on dendritic cells and activated macrophages. One of these ligands, Chemerin, induces activation of intracellular signaling molecules, such as SKY, MAPK1/3 (ERK1/2), MAPK14/P38MAPK, and PI3K leading to multifunctional effects, such as reduction of immune responses, enhancing of adipogenesis, and angiogenesis. Decreased expression of ChemR23 is suggested to be involved in depression through its interaction with the omega-3 fatty acid derived molecule resolvin E1.

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.





> RDC0917 Plasmid DNA Sequence

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> RDC0917 Translated Insert Sequence

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