

Specifications:

Gene:	hPILRA
Accession:	NP_038467
Insert size:	925bp
Concentration:	10 μ g at 0.2 μ g/ μ L

hPILR- α cDNA Plasmid

**PILRA paired immunoglobulin-like
type 2 receptor alpha [*Homo
sapiens* (human)]**

Also known as: FDF03

Summary:

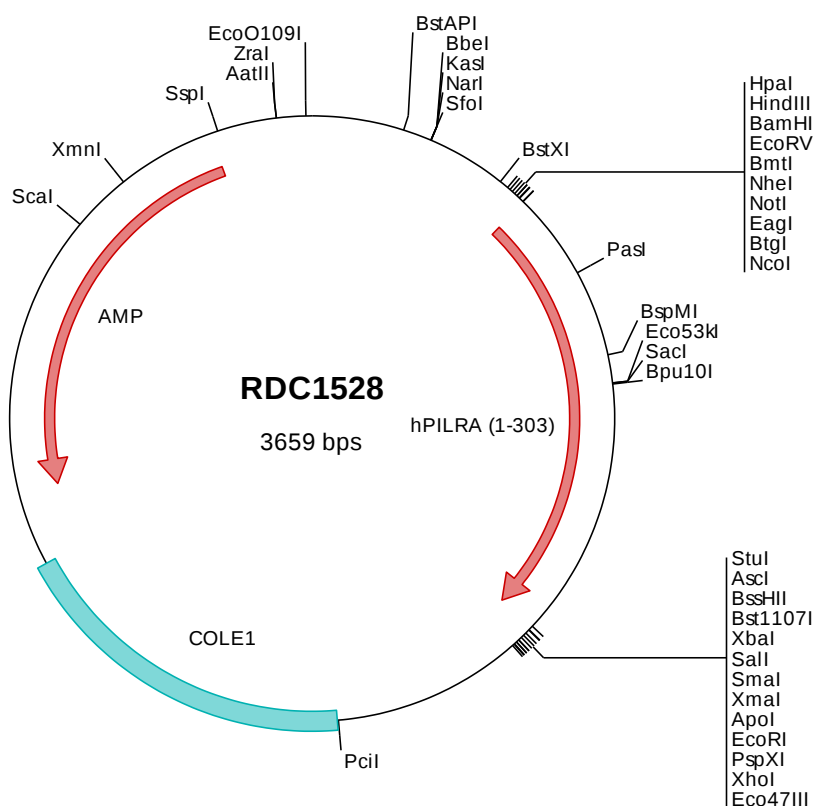
PILRA is involved in the regulation of the immune system. It is thought to act as a cellular signaling inhibitory receptor by recruiting cytoplasmic phosphatases like PTPN6/SHP-1 and PTPN11/SHP-2 via their SH2 domains that block signal transduction through dephosphorylation of signaling molecules. PILRA is predominantly detected in hemopoietic tissues and is expressed in monocytes, macrophages, and granulocytes, but not lymphocytes. Alternatively spliced transcripts encoding different proteins have been described.

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.



> RDC1528 Plasmid DNA Sequence

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> RDC1528 Translated Insert Sequence

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