

Specifications:

Gene:	hIZUMO1R
Accession:	NP_001186135
Insert size:	766bp
Concentration:	10µg at 0.2µg/µL

hFOLR4 cDNA Plasmid

**IZUMO1R IZUMO1 receptor,
JUNO [*Homo sapiens* (human)]**

Also known as: JUNO; FOLR4;
Folbp3

Summary:

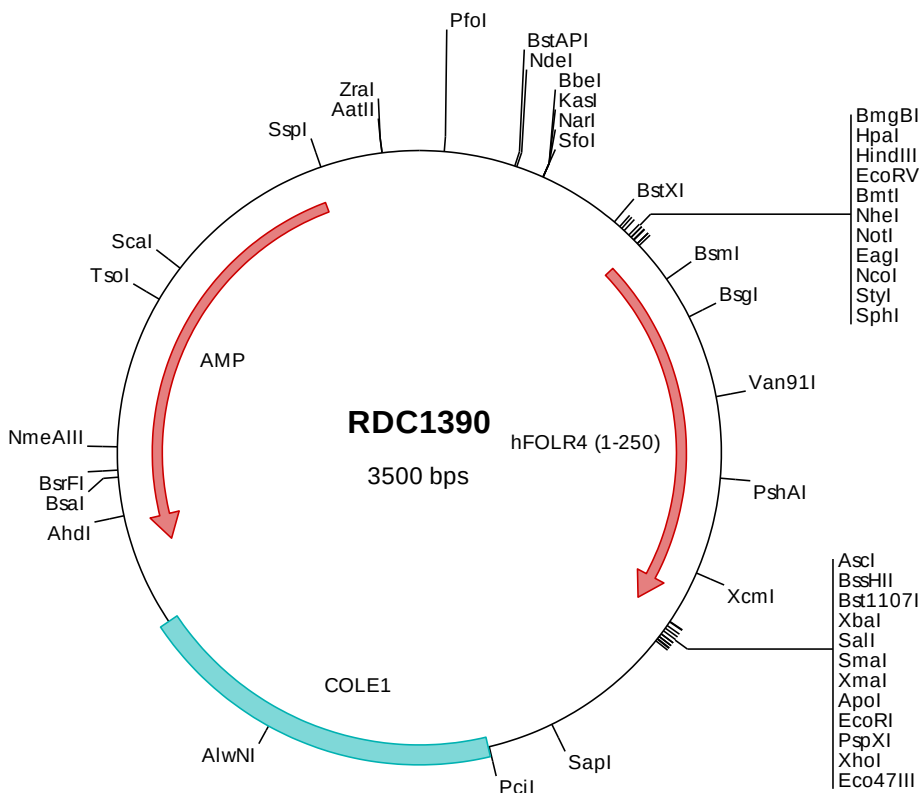
FOLR4 is a member of the folate receptor family. It is a receptor for IZUMO1 present at the cell surface of oocytes (oolemma), which is essential for gamete recognition and fertilization. The IZUMO1:IZUMO1R/FOLR4 interaction is a necessary adhesion event between sperm and egg that is required for fertilization but is not sufficient for cell fusion.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1390 Plasmid DNA Sequence

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1   tcgcgcgcttt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgctc  gtaagcggat  gccgggagca  gacaagcccc
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> RDC1390 Translated Insert Sequence

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