

Specifications:

Gene:	hFXYD5
Accession:	NP_054883
Insert size:	549bp
Concentration:	10µg at 0.2µg/µL

hFXYD5 cDNA Plasmid

FXYP domain containing ion transport regulator 5 [*Homo sapiens*]

Also known as: RIC; IWU1; KCT1; OIT2; DYSAD; HSPC113; PRO6241

Summary:

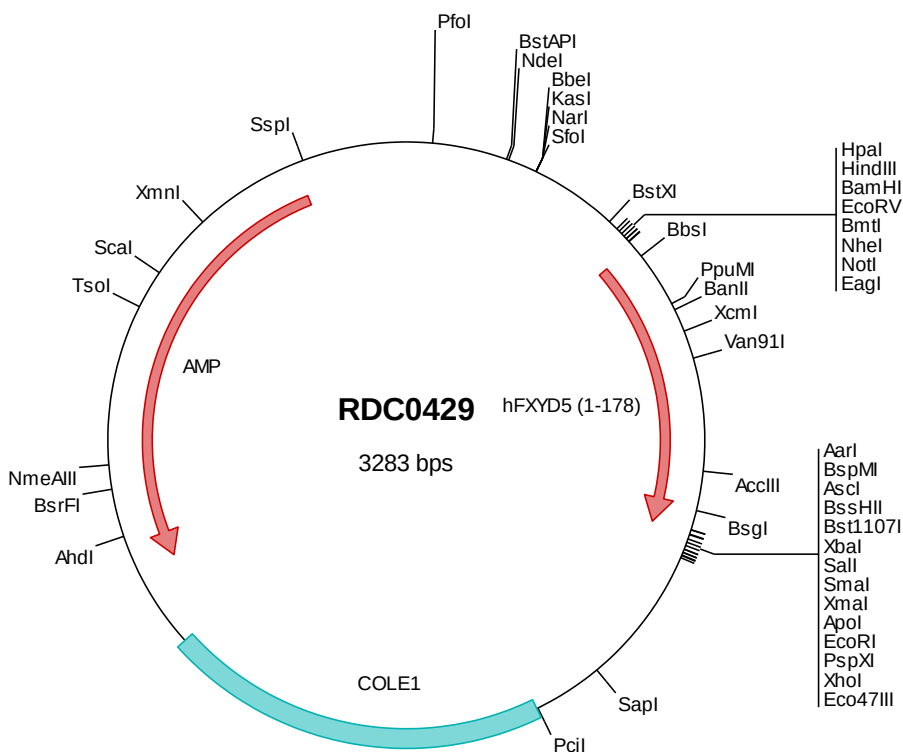
FXYP5 is a member of the FXYP-domain containing ion transport regulator family that share a 35-amino acid signature sequence domain, beginning with the sequence PFXYP and containing 7 invariant and 6 highly conserved amino acids. FXYP5 is a glycoprotein that functions in the up-regulation of chemokine production, and it is involved in the reduction of cell adhesion via its ability to down-regulate E-cadherin. It also promotes metastasis, and has been linked to a variety of cancers. Alternative splicing events result in multiple transcript variants.

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.





> RDC0429 Plasmid DNA Sequence

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1   tcgcgcggtt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccg  gagacggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
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> RDC0429 Translated Insert Sequence

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```