

Specifications:

Gene:	<i>hWISP3</i>
Accession:	NP_003871
Insert size:	1078bp
Concentration:	10µg at 0.2µg/µL

hWISP3/CCN6 cDNA Plasmid

WISP3 WNT1 inducible signaling pathway protein 3 [*Homo sapiens* (human)]

Also known as: PPD; CCN6; LIBC; PPAC; WISP-3

Summary:

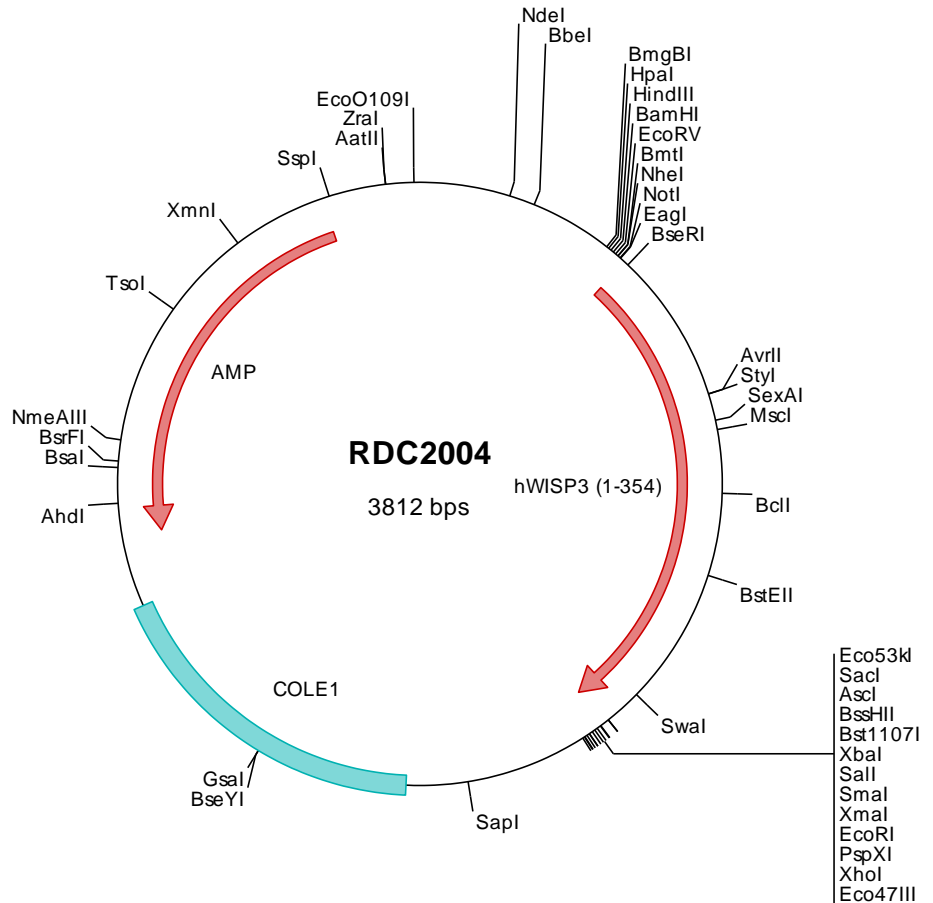
WISP3 is a member of the WNT1 inducible signaling pathway (WISP) protein subfamily, which belongs to the connective tissue growth factor (CTGF) family. The CTGF family members are characterized by four conserved cysteine-rich domains: insulin-like growth factor-binding domain, von Willebrand factor type C module, thrombospondin domain and C-terminal cystine knot-like domain. It may be downstream in the WNT1 signaling pathway that is relevant to malignant transformation. Mutations of WISP3 are associated with progressive pseudorheumatoid dysplasia. 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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2004 Plasmid DNA Sequence

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> RDC2004 Translated Insert Sequence

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