

Specifications:

Gene:	<i>hFZD3</i>
Accession:	NP_059108
Insert size:	2014bp
Concentration:	10µg at 0.2µg/µL

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.

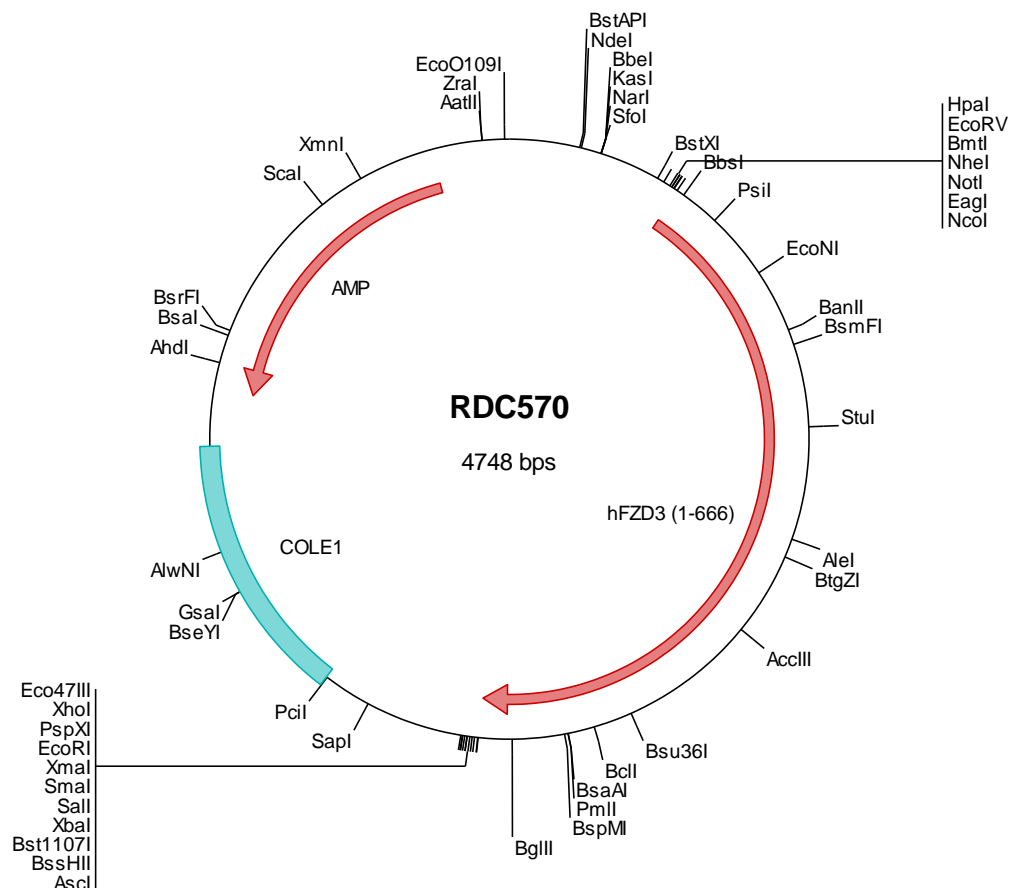
hFrizzled-3 cDNA Plasmid

FZD3 frizzled family receptor 3 [*Homo sapiens* (human)]

Also known as: Fz-3

Summary:

FZD3 is a seven-transmembrane domain protein that is a member of the frizzled gene family. It may play a role in mammalian hair follicle development and is a susceptibility locus for schizophrenia. Inhibition of the Wnt receptor, FZD3 with antiserum or by short interfering RNA (siRNA) markedly reduced neurite extension. FZD3, DVL, and JNK activity mediate Wnt-dependent neurite outgrowth.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0570 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatattgc ggtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcgggcc tcttcgctat
301 taaggccgct ggcgaaaggg ggaatgctg caaggcgatt aagtgggta acgcccgggt ttcccgatc acgacgttgc aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagcct ggaatccgata tcgctagcgc ggccgcacc atggctatga cttggattgt cttctctctt tggcccttga ctgtgtcaat
501 ggggcataata ggtgggcaca gtttgttttc ttgtgaacct attaccctga ggaatggcca agatttgcct tataatacta ccttoatgcc taatctctg
601 aatcattatg accaacagac agcagctttg gcaatggagc cattccacc ctatggatgt ctggattgtt ccgggattt cggcctttt ctttgtgac
701 tetacgctcc tattttgatg gaatatggac gttgcacact tccctgtctg agctgtgtgc agcgggctta cagtgaagtgc tcgaagctca tggagatgt
801 tgggttctct tggcctgaag atatggaatg cagttagtgc ccagattgtg atgagccata tctctgactt gtggatctga atttggctgg agaaccaact
901 gaaggagccc cagtggcagt gcagagagac tatggttttt ggtgtcccc agagttaaaa attgatcctg atctgggtta tctttctg catgtgogtg
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2401 catggcacca gcatgaaatg ggttatgaa gaagatggaa ccagtgctta aaggcgcgcc agtatactct agagtgcaca cccggggaat tctcagcgcg
2501 ctcgtctcta gcttggcgta atcatggtea tagctgtttc ctgtgtgaaa ttgttatccg ctcaacaattc cacacaacat ccgagccgga agcataaagt
2601 gtaaacgctg gttgctctaa tgagtgaact aactcacatt aattgcgctg cgtcactgc ccgctttcca gtcgggaaac ctgtctgctc agctgatta
2701 atgaatcggc caacgcgcgg ggagagcggg tttgcgtatt gggcgctctt ccgcttctc gctcactgac tctcgtgcgt cggctcttgc gctgcggca
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> RDC0570 Translated Insert Sequence

1 mamtwivfsl wpltvfmghi gghslfscpe itlrmcqdpl ynttfmpnll nhydqttaal amepfhpmvn ldcsrdrpf lcalypicm eygrvltlpcr
101 rlcqraysec sklmemfgvp wpedmecsrf pdcdpypri vdlnlagept egapvavqrd ygfwcprelk idpdlgysfl hvrdsppcp nmyfrreels
201 faryfiglis iiclsatlft fltflidvtr fryperpiif yavcymmvsl iffifgflled rvacnasipa qykastvtgg shnkactmlf milyfftmag
301 svwwviltit wflaavpkwg seaiekkall fhasawgipg tltiillamn kiegdnisgv cfvgydvda lryfvlapl lyvvvgvsl1 lagiislnrv
401 rieipleken qdklvkfmir igvfsilylv pllvgicyf yeqarygiwe ttwiqercre yhipcypyqt qmsrpdllf lmkylmaliv gipsvfwvgs
501 kktcfewasf fhgrrkkeiv nesrqvlqep dfaqsllrdp ntpiirksrg tstqgtstha sstqlamvdd qrskagsihs kvssyghslh rrsrdgrytpe
601 syrgmeerlp hgsmsrltdh srhssshrln eqsrhssird lsnpmthit hgtsmnrvie edgtsa