

Specifications:

Gene:	hTSPAN2
Accession:	NP_005716
Insert size:	678bp
Concentration:	10µg at 0.2µg/µL

hTSPAN2 cDNA Plasmid

TSPAN2 tetraspanin 2 [*Homo sapiens*]

Also known as: NET3; TSN2;
TSPAN-2

Summary:

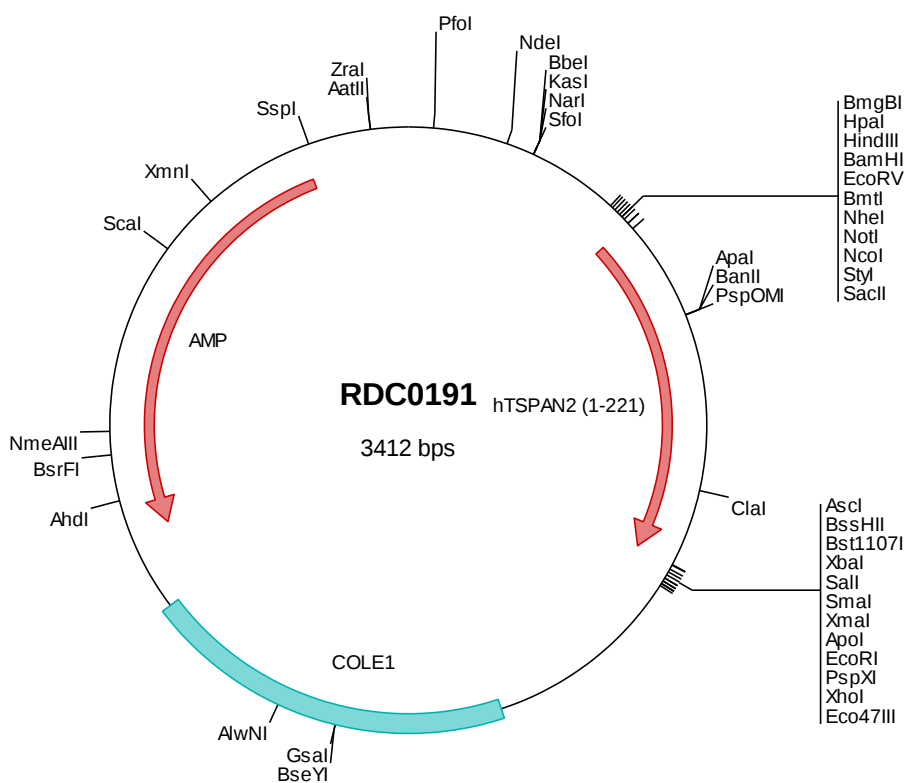
TSPAN2 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. Tetraspanins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. TSPAN2 may play a role in signalling in oligodendrocytes in the early stages of their terminal differentiation into myelin-forming glia and may also function in stabilizing the mature sheath.

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.





> RDC0191 Plasmid DNA Sequence

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1   tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
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201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgccagggt tttccagtc acgacgttgc aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggtaccgata tcgctagcgc ggccgcacac atggggcgct tcgcgggggg cctgcggtgc atcaagtacc tgctgcttgg
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2401 cgttcatcca tagttgctg actccccgtc gtgtagataa ctacgatacg ggaggcgcta ccatctggcc ccagtgtctg aatgataccg cgagaccac
2501 gctcaccggc tccagattta tcagcaataa accagccagc cggaaggggc gagcgcagaa gtggtcctgc aactttatcc gctccatcc agtctattaa
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> RDC0191 Translated Insert Sequence

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201  ifgmifsmvl ccainrsrdv i
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