

Specifications:

Gene:	hTSPAN11
Accession:	NP_001073978
Insert size:	775bp
Concentration:	10µg at 0.2µg/µL

hTSPAN11 cDNA Plasmid

TSPAN11 tetraspanin 11 [*Homo sapiens* (human)]

Also known as: VSSW1971

Summary:

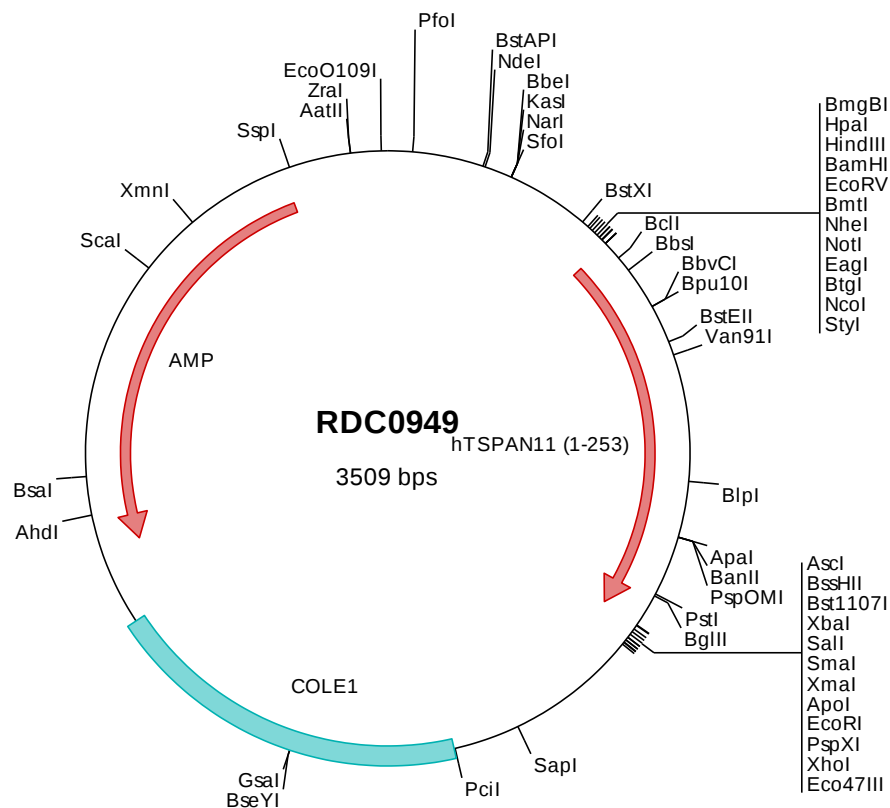
TSPAN11 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. Tetraspanins are involved in diverse processes such as cell activation and proliferation, adhesion and motility, differentiation, cancer, and others. Their various functions may relate to their ability to act as molecular facilitators, grouping specific cell-surface proteins and affecting formation and stability of signaling complexes. TSPAN11 mRNA is found in a wide range of tissues.

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.





> RDC0949 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 aaggcgcatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagtttggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcacac atggcccaact ataagactga gcaggacgac tggctgatca tctacttgaa
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701  gggagcgggaa gggctgcctc tccacgtatt tctgcctgtt gctcgtcatc ttcctggttg agctggtggc gggagtccct gccatgtgt attaccagag
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2501 tcatccatag ttgcctgact ccccgctcgt tagataacta cgatacggga gggcttacca tctggcccca gtgctgcaat gatacccgga gacccacgct
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3501 cctttcgtc
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> RDC0949 Translated Insert Sequence

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201  iykveggclt kleqfladhl llmgavgigv aclqicgmvl tcclhqlrlqr hfy
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