

Specifications:

Gene:	hTSPAN8
Accession:	NP_004607
Insert size:	726bp
Concentration:	10µg at 0.2µg/µL

hTSPAN8 cDNA Plasmid

TSPAN8 tetraspanin 8 [*Homo sapiens*]

Also known as: CO-029; TM4SF3

Summary:

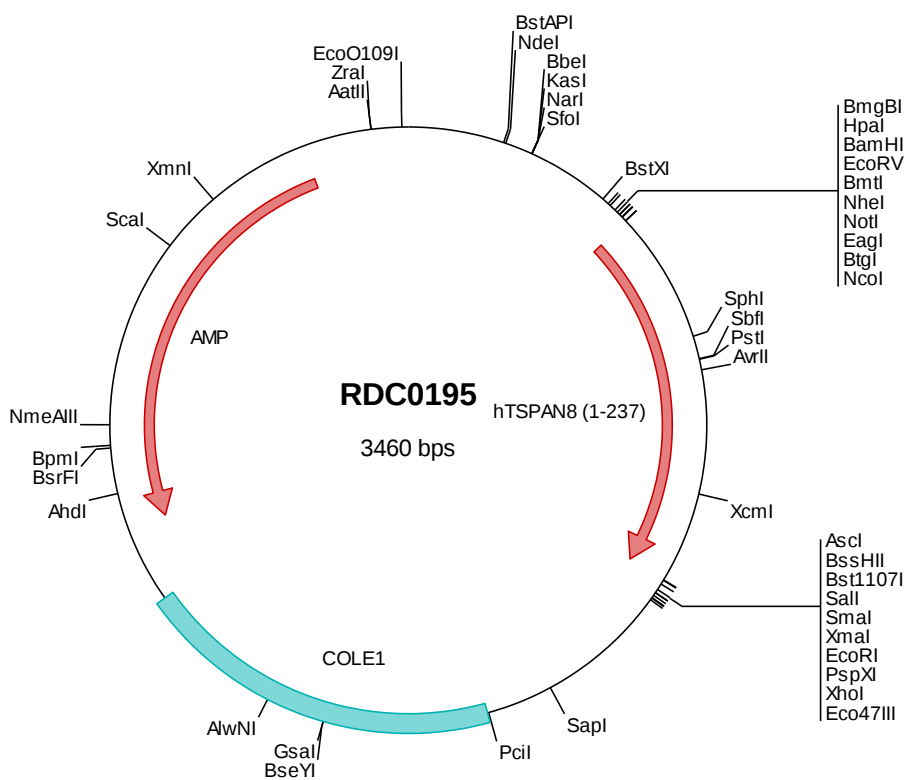
TSPN8 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. TSPN8 is expressed in gastric, colon, rectal, and pancreatic carcinomas. The use of alternate polyadenylation sites has been found for this gene. TSPN8 is a cell surface glycoprotein that is known to complex with integrins.

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.





> RDC0195 Plasmid DNA Sequence

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> RDC0195 Translated Insert Sequence

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