

Product datasheet for **RG216497**

TSPAN11 (NM_001080509) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSPAN11 (NM_001080509) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TSPAN11
Synonyms:	VSSW1971
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG216497 representing NM_001080509 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCACTATAAGACTGAGCAGGACGACTGGCTGATCATCTACTTGAAGTATTTACTCTTTGTCTTCA
ACTTCTTCTTCTGGGTCGGGGGAGCAGCCGTCCTGGCTGTGGGCATCTGGACCCTGGTGGAGAAGAGTGG
CTACCTCAGCGTCCTGGCCTCCAGCACCTTTGCCGCTCCGCTACATCCTCATCTTTGCGGGCGTACTT
GTCATGGTGACCGCTTCTGGCTTCGGTGCCATCCTCTGGGAGCGGAAGGGCTGCCTCCTCACGTATT
TCTGCCTGTTGCTCGTCATCTTCTGGTTGAGCTGGTGGCGGGAGTCTGGCCCATGTGTATTACCAGAG
GCTGAGTGATGAAGTGAAGCAGCACTTGAACCGGACTCTGGCTGAGAAGTACGGGACGCCGGAGCCAGC
CAGATCACCGCCTCAGTGACCGACTCCAGCAGGATTTCAAGTGCTGTGGAAGCAACAGCTCAGCCGACT
GGCAGCACAGCACGTACATCCTGTTGCGGGAGGCCGAGGGCCGCCAGGTGCCCGACAGCTGCTGCAAGAC
AGTGGTGGTGGCTGCGGCCAGCGGGCCACCCCTCCAACATCTATAAGGTGGAGGGAGGCTGCCTCACC
AAGCTGGAGCAGTTCTGGCCGACCACCTGCTGCTTATGGGGCAGTGGGCATCGGGTGGCCTGCCTGC
AGATCTGCGGGATGGTTCTACCTGCTGCTTGCACCAGAGGCTCCAGCGGCATTTTTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG216497 representing NM_001080509
 Red=Cloning site Green=Tags(s)

MAHYKTEQDDWLIYLYKYLFFVFNFFFWVGAAVLAVGIWTLVEKSGYLSVLASSTFAASAYILIFAGVL
 VMVTGFLGFGAILWERKGCLSTYFCLLLVIFLVELVAGVLAHVYQRLSDELKQHLNRTLAEYNGQPGAT
 QITASVDRLQQDFKCCGSNSSADWQHSTYILLREAEGRQVPDSCCKTVVVRGQRAHPSNIYKVEGGCLT
 KLEQFLADHLLLMGAVGIGVACLQICGMVLTCLLHQRLLQRHFY

TRTRPLE - GFP Tag - V

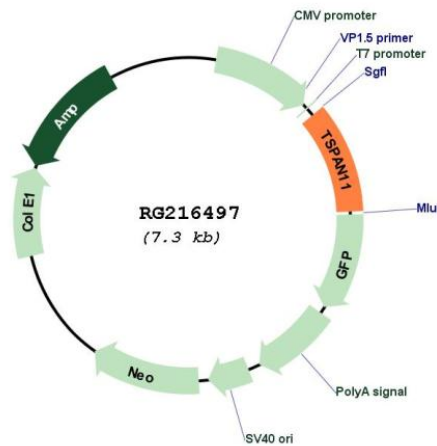
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_001080509

ORF Size: 759 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001080509.2 , NP_001073978.1
RefSeq Size:	1480 bp
RefSeq ORF:	762 bp
Locus ID:	441631
UniProt ID:	A1L157
Cytogenetics:	12p11.21
Protein Families:	Transmembrane