

Product datasheet for **RG213513**

TSPAN17 (NM_001006616) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSPAN17 (NM_001006616) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TSPAN17
Synonyms:	FBX23; FBXO23; TM4SF17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG213513 representing NM_001006616 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCGCAAGCACCAGCATTTCAGGAACCTGAGGTCGGCTGCTGCGGAAATACTTCTGTGGCT
TCAACATTGTCTTCTGGGTGCTGGGAGCCCTGTTCTGGCTATCGGCCTCTGGCCTGGGGTGAAGGG
CGTTCTCTCGAACATCTCAGCGCTGACAGATCTGGGAGGCCTTGACCCCGTGGCTGTTTGTGGTAGTT
GGAGGCGTCATGTCGGTCTGGCTTTGCTGGCTGCATTGGGGCCCTCCGGGAGAACACCTTCTGCTCA
AGTTTTTCTCCGTGTTTCTCGGTCTCATCTTCTTCTGGAGCTGGCAACAGGGATCCTGGCCTTTGTCTT
CAAGGACTGGATTCGAGACCAGCTCAACCTCTTCAACAACAACGTCAGGCCTACCGGGACGACATT
GACCTCCAGAACCTCATTGACTTTGCTCAGGAATACTGGTCTTGTGCGGAGCCCAGGCCCAATGACT
GGAACCTCAATATCTACTTCAACTGCACTGACTTGAACCCAGCCGGGAGCGCTGCGGGGTGCCCTTCTC
CTGCTGCGTCAGGGACCCTGCGGAGGATGTCCTCAACACCCAGTGTGGCTACGACGTCGGCTCAAACCTG
GTGAGAGGGGAGCTGGAGCAGCAGGGCTTATCCACACCAAGGCTGCGTGGGCCAGTTTGAAGAAGTGGC
TGCAGGACAACCTGATTGTGGTGGCGGGAGTCTTATGGGCATCGCCCTCTCCAGATCTTTGGCATCTG
CCTGGCCAGAACCTCGAGCAAATGGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG213513 representing NM_001006616
Red=Cloning site Green=Tags(s)

MPGKHQHFQEPEVGCCGKYFLFGFNIVFWVLGALFLAIGLWAWGEGVLSNISALTDLGGLDPVWLFVVV
 GGVMSVLGFAGCIGALRENTFLKFFSVFLGLIFFLELATGILAFVFKDWIRDQLNLFINNNVKAYRDDI
 DLQNLIDFAQEYWSCCGARGPNDWNLNIFYNCTDLNPSRERCVPFSCCVRPDPAEDVLNTQCGYDVRLLK
 VRGELEQQGF IHTKGCVGQFEKWLQDNLIVVAGVFMGIALLQIFGICLAQNLEQME

TRTRPLE - GFP Tag - V

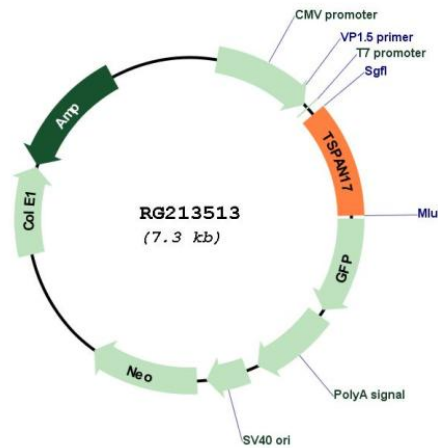
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_001006616

ORF Size: 798 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_001006616.1 , NP_001006617.1
RefSeq Size:	2573 bp
RefSeq ORF:	792 bp
Locus ID:	26262
UniProt ID:	Q96FV3
Cytogenetics:	5q35.2
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a member of the transmembrane 4 superfamily. It is characterized by four tetraspanin transmembrane segments. The function of this gene has not yet been determined. [provided by RefSeq, Mar 2014]