

## Product datasheet for **RC201355**

### TSPAN4 (NM\_001025238) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TSPAN4 (NM\_001025238) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** TSPAN4  
**Synonyms:** NAG-2; NAG2; TETRASPAN; TM4SF7; TSPAN-4  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC201355 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGCGCCTGCCTCCAGGCCGTCAGTACCTCATGTTGCGCTTCAACCTGCTCTTCTGGCTGGGAG  
GCTGTGGCGTGTGGGTGTGGCATCTGGCTGGCCGACACAGGGGAGCTTCGCCACGCTGTCTCTTC  
CTTCCCGTCCCTGTCGGCTGCCAACCTGCTCATCATCACCGCGCCTTTGTCATGGCCATCGCTTCGTG  
GGCTGCCTGGGTGCCATCAAGGAGAACAAGTGCCTCCTGCTCACTTTCTCCTGCTGCTGCTGCTGGTGT  
TCCTGCTGGAGGCCACCATCGCCATCCTCTTCTCGCCTACACGGACAAGATTGACAGGTATGCCAGCA  
AGACCTGAAGAAAGGCTTGCACCTGTACGGCAGCAGGGCAACGTGGGCCTCACCAACGCCTGGAGCATC  
ATCCAGACCGACTTCCGCTGCTGTGGCGTCTCCAACACTACTGACTGGTTCGAGGTGTACAACGCCACGC  
GGGTACCTGACTCCTGCTGCTTGGAGTTCAGTGAGAGCTGTGGGCTGCACGCCCCCGGCACCTGGTGGAA  
GGCGCCGTGCTACGAGACGGTGAAGGTGTGGCTTCAGGAGAACCTGCTGGCTGTGGGCATCTTTGGGCTG  
TGCACGGCGTGGTGCAGATCCTGGCCTGACCTCGCCATGACCATGTACTGCCAAGTGGTCAAGGCAG  
ACACCTACTGCGCG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Reconstitution Method:**

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\\_001025238.1](#), [NP\\_001020409.1](#)

**RefSeq Size:** 1329 bp

**RefSeq ORF:** 717 bp

**Locus ID:** 7106

**UniProt ID:** [O14817](#)

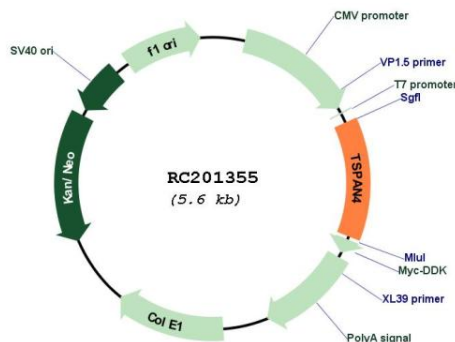
**Cytogenetics:** 11p15.5

**Protein Families:** Transmembrane

**MW:** 26.1 kDa

**Gene Summary:** The protein encoded by this gene 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. This encoded protein is a cell surface glycoprotein and is similar in sequence to its family member CD53 antigen. It is known to complex with integrins and other transmembrane 4 superfamily proteins. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

### Product images:



Circular map for RC201355