

Product datasheet for RC203105

TSPAN31 (NM_005981) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TSPAN31 (NM_005981) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TSPAN31
Synonyms: SAS
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC203105 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGTTTGTGGCGGCTTTGCCTGCTCCAAGAATGCGCTTTGCGCTCTCAACGTGGTCTACATGCTGGTGA
GCTTGTGCTCATTGGAGTGGCTGCTTGGGGCAAGGGCCGGGTCTGGTGTCCAGCATCCACATCATCGG
CGGAGTCATTGCTGTGGGAGTCTCCTTCTCCTTATTGCAGTGGCTGGACTGGTGGGTGCTGCAACCAC
CACCAAGTCTGCTGTTCTTTACATGATCATCCTTGGTTTGGTCTTCATCTTCCAATTTGTAATCTCTT
GCTCATGTCTGGCTATTAACCGAAGCAAACAGACAGATGTCATCAATGCTTCTTGGTGGGTGATGAGCAA
CAAGACTCGGGATGAACTGGAAAGAAGTTTGGATTGTTGTGGCTTATTCAACCTCACAACCTGTATCAA
CAAGATTATGATTCTGCACTGCAATCTGCAAGAGCCAGAGCCCCACATGCCAGATGTGTGGAGAAAAGT
TTCTTAAGCATTAGACGAAGCCCTGAAAATCCTAGGGGGTGTGGACTCTTCTTTAGCTTTACAGAGAT
CCTTGGTGTGGCTAGCAATGAGATTCGGAATCAGAAGGATCCTAGAGCCAACCCAGTGCCTTTCTA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC203105 protein sequence
 Red=Cloning site Green=Tags(s)

MVCGGFACSKNALCALNVVYMLVSLLLIGVAAWGKGLGLVSSIHIIIGGVIAGVVFLLLIIVAGLVGAVNH
HQVLLFFYMIILGLVIFQFVISCCLAINRSKQTDVINASWWVMSNKTRDELERSFDCCGLFNLTTLYQ
QDYDFCTAICKSQSPTCQMCGEKFLKHSDEALKILGGVGLFFSFTEILGVWLAMRFRNQKDPANPSAFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

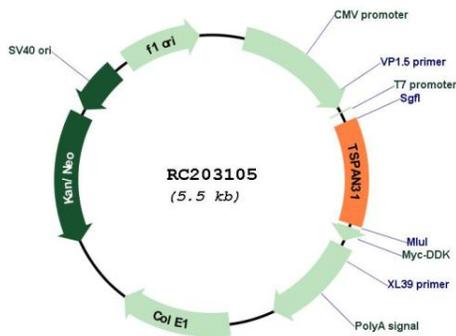


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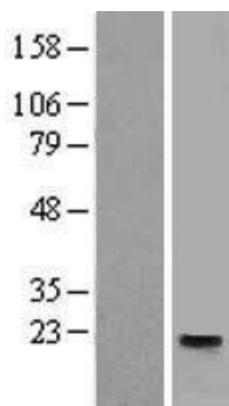
RefSeq ORF: 633 bp
Locus ID: 6302
UniProt ID: [Q12999](#)
Cytogenetics: 12q14.1
Domains: transmembrane4
Protein Families: Druggable Genome, Transmembrane
MW: 23.1 kDa

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 thought to be involved in growth-related cellular processes. This gene is associated with tumorigenesis and osteosarcoma. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC203105



Western blot validation of overexpression lysate (Cat# [LY416945]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC203105 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).