

Product datasheet for **MC204089**

Tspan33 (NM_146173) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Tspan33
Synonyms:	I300010A20Rik; P; Pen; Penu
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >BC024685
GCTTCAGCGGCGGCGCCGTTCCCTGGCCGCGCGGCTCCCAGACGCACGGTTCGGGCGGCTCCCGGCGCGG
CGCGGCTGCCCCGGCGTTCCGGTCCCCGTGGCCCGCGGCTCCCGCCCCGGGCTGCAGGGCGCACAGGTG
GGCCCGTGGCGGCTGGGAGATAGGCCCGCCGCGGGGACGCGGCGGACCATGGCGCGGAGACCTGGCGTGCC
GGCTGCCTACGGGACGAGTTCTCTTCTGTCAGCCGCTGGTGAATACCTGCTCTTCTTCTTCAACATG
CTCTTCTGGGTAATCTCCATGGTCAATGGTGGCGTGGGTGTCTATGCCAGGCTAATGAAGCACGCAGAAG
CAGCCTTGGCTTGTCTGGCGTGGACCTGCTATCCTGCTGATCGTGGTGGCGTCCCTCATGTTCTGCT
CACCTTCTGCGGCTGTATCGGATCCCTTCGGGAGAATCTGCCTTCTGCAGACGTTTCCCTCTGCCTC
ACCATCGTGTCTCTGCTGCAGCTGGCTGCTGGCATCCTGGGCTTCTGCTTCTCAGACAAGGCTCGGGGGA
AAGTGAGCGAGATCATCAACAATGCTATCGTGCATTATCGAGATGACCTGGATCTGCAGAACCTCATCGA
CTTTGGCCAGAAGAAGTTCAGCTGCTGTGGAGGGATCTCTACAGAGACTGGTCTCAGAATATGTACTTC
AACTGCTCGGAGGACAACCCTAGCCGGGAGCGCTGCTCTGTGCCTTATTCTGTTGCTTGGCCACCCCCA
ACCAGGCACTGATCAACACGATGTGTGGCAAGGTATGCAGGCTCTGGACTACTTGAAGCTAGTAAGGT
CATCTACACCAATGGCTGTATTGACAAGTTGGTCAACTGGATACACAGCAACCTGTTCTGCTTGGTGGT
GTGGCACTAGGCTGGCCATCCCCAGCTGGTGGGAATCCTGCTGTCCAGGCTCCTCGTGAATCAATAA
AAGATCAGATCAAGCTACAGCTCTACAACCAACAGCACCAGCTGACCCGTGGTACTGAGAATCCTTCT
GCGCCTCCTTACCATGGCGACGAGCATCTCAGGACCAGCAGCAGAGGGTGTGAGAGCACCCAGTGCAG
ATTTGGATTCCAGCCCCAAATGAGGGCCAGTGGAAGAAGCAAGCTCCAGAAGGCAGGACACAGATGG
CTCAGGTCTCCGAAAGATGTGCCTCATCTCCCATCTAGCCTCAGCATTGTCCGAGGTTTATTTTCATGC
TGTTTGTAACCTTGAACATTTGAGTTTGTGTTTTAGTTTCTCTGGGAGAGGTGTGGAACCTGCAGCG
GCACAGAAAGCTGTAGGATTACTAGCTGCATACTGAGGCACAAACAGACAGCTCTGTTAGGGCTGTGCTG
AGCTAGGTGGACAGAGTCTGCTGCCAGGGAGTCTGGTGTGCACAGATACTGGCAGCCCTGCAGGAGTC
CAGTTGGCACAATTCCACCTCCAGAGAGGCTGGGAGTGCAGCGGGCAGAGCAGCAGGAGCCTAGGGAACC
TAGGGGTGCGATCGGACCGCAGGGCACATGGGGGATAGGAGTGAAGGGGTATGTTTACCAAAATGCTTG
CCTAGCCGCACTCCAGGTAGTCAGAGTGAGCTATATCCTGCTCCTCCCTCGTCTCCATGGAACAAGGC
TGCAAGGGCAAGGGGTATAACAGCAGCCAAATTCATCTCACCCTGCTGTAAAATGTTTGAACCGTGG
TCCCTAAATCTGCGTGCCGGACTAAGCCATACATGCCCTTGAATCCTCTGTCTGCTGGCCTTCCCGCCC
CAGCAAGTGGGGTTTTCTTAACTTGGCAGGAGTGGCACCACCCACCCGCATCCCCTGCACACAGA
ACTCAGTGTCTTACAGTGTAAGAATCGGGAATCTGGCAGAAATGGCAATAAAAGTTTGTGACATGGGA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_146173

Insert Size: 852 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:

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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC024685 , AAH24685
RefSeq Size:	1995 bp
RefSeq ORF:	852 bp
Locus ID:	232670
UniProt ID:	Q8R3S2
Cytogenetics:	6 A3.3
Gene Summary:	This gene encodes a member of the tetraspanin family which typically have four transmembrane domains. The encoded protein may be involved in the regulation of erythropoiesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2014] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).