

Product datasheet for **SC321089**

TSPAN2 (NM_005725) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSPAN2 (NM_005725) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSPAN2
Synonyms:	NET3; TSN2; TSPAN-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_005725 edited
 GGGGGACTGGGGATCCC GCCCGCCGGCCGAGCATGGGGCGCTTCCGCGGGGGCCTGCGG
 TGCATCAAGTACCTGCTGCTTGGCTTCAACCTGCTCTTCTGGCTGGCTGGATCGGCCGTC
 ATTGCTTTTGGACTATGGTTTCGGTTCCGAGGTGCCATAAAGGAGTTATCATCAGAGGAC
 AAGTCCCCAGAGTATTTCTATGTGGGCTGTATGTTCTGGTTGGAGCCGGGGCCCTGATG
 ATGGCCGTGGGGTTCTTCGGATGCTGCGGAGCCATGCGGGAGTCGCAATGTGTGCTTGA
 TCATTTTTTACCTGCCTCCTGGTATTTGCTGCTGAAGTAACCACTGGAGTATTGCT
 TTTATAGGCAAGGGGTAGCTATCCGACATGTTCCAGACCATGTATGAAGAGGCTTACAAT
 GATTACCTTAAAGACAGGGGAAAAGGCAATGGGACACTCATCACCTTCCACTCAACATTT
 CAGTGTCTGGAAAAGAAAGCTCCGAACAGGTCCAACCTACATGCCAAAGGAGCTTCTA
 GGACACAAGAATTGCATCGATGAAATTGAGACCATAATCAGTGTTAAGCTCCAGCTCATT
 GGAATTGTCGGTATTGGAATTGCAGGTCTGACGATCTTTGGCATGATATTCAGCATGGTC
 CTCTGCTGTGCGATACGAAACTCACGAGATGTGATATGAAGCTACTTCTACATGAAAATT
 GCAGTCTAAAGCTTTCATACCAATGTCACAGGAGCTGTCTCCAGCTCATTTTTAACAC
 TGAATGACATTAGGATCTAAAATAATTTGCTGTCAATTGTACATTTGCATGAGTACGTA
 TGTTTGGCTCATTACTGGTTTACCCCTTGAGTGAATGCCTGTTTATGATGACTGAGAGCA
 TATTCATGTGTGATCTGCGTGTCTGGAATATGCTTTATACGTAATGAAATCTGTTTGC
 TGGGAATTCCTGATTCTTGTATATAAGAAGAACAACCTATTTCCGCTCCCAGAAAAAAA
 AGATCAAAGAGCTTTCAGAACTTTGAGAACTTGGCTATTTAGAAAAAGTGATAATGGGT
 CAGTTTCTCAGACTGTAGCCATTGAAAATTAGATGCAGAGAATTCAGAGATTTCTTCTTA
 ATGGAAGTAATAAGCTGTAAAGATTGAGAGATCACAATGGAGTGTTAAAACCTGACTGTGT
 CTAAGTTGGGTGTAAGGGTTTCTGGGTTTTTTATATACATGCTCTCCCAGAATACAG
 TAAACCACAGTTTTAGAACTAAACACATCTGAAAACATAATATAGCATGGAAAATCCAA
 TTTGAATAAGTCATGCTTTCCTAGAATTTAAAAATAAAAAAGTCTTCTCTGGAAAGAGA
 AGTCACACAGACAATCATGTGCCCTATAAAAAGTGAAGTGTATAGGACTAAAAAATTTT
 AACAACTTTTTAAGGAAATATTTTTGTTCTTATACAAAAACATGTAATATTGCTTTATT
 ACTTTCATTTTCTGACCCTGCTGTAACCTACTGCAACCCTCACATCCTCAAAGGGACTTT
 TATGTCAAACCTTCTGTTTCTCCAAATAAAGGAAAAAGACTAAAGCAAGAGATCTGG
 CAGTTGAAAATTGTGGGAAAGAGAATTTGTATGGGCACTGTATCTATGAAATACCTCATA
 ACTTACGTTTACATGTTTCTTAACTTTTTGTATTTTTCTGTATAGCCACCTAGAGAAT
 TCTTCATAGATTAAGAATAACAGTTTTCCACTTAACATAAGTAAAACAAAGTCCTTCA
 TAATTTAACCATAGCATCTTTGGCCAAACCAAAATAAAGAAAAGCATCTTCTCCTAGTT
 GTGTGTGGGCAACAGAAACAAGTTAAGGAAACAAAAATACTTATATACACAGAACAAA
 AATAATGTTCTTTTTATGCAATCCCCTGTGAAAATAAAATTTTCAATGTTTTAGAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_005725

Insert Size: 2000 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_005725.3</u> , <u>NP_005716.2</u>
RefSeq Size:	3207 bp
RefSeq ORF:	666 bp
Locus ID:	10100
UniProt ID:	<u>O60636</u>
Cytogenetics:	1p13.2
Domains:	transmembrane4
Protein Families:	Transmembrane
Gene Summary:	<p>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. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2015]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note:.</p>