

Product datasheet for **SC112659**

TSPAN12 (NM_012338) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSPAN12 (NM_012338) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSPAN12
Synonyms:	EVR5; NET-2; NET2; TM4SF12
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112659 sequence for NM_012338 edited (data generated by NextGen Sequencing)

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ATGGCCAGAGAAGATTCCGTGAAGTGTCTGCGCTGCCTGCTCTACGCCCTCAATCTGCTC
TTTTGGTTAATGTCCATCAGTGTGTTGGCAGTTTCTGCTTGATGAGGGACTACCTAAAT
AATGTTCTCACTTAACTGCAGAAACGAGGGTAGAGGAAGCAGTCATTTTGACTTACTTT
CCTGTGGTTCATCCGGTCATGATTGCTGTTTGCTGTTTCCTTATCATTGTGGGGATGTTA
GGATATTGTGGAACGGTGAAAAGAAATCTGTTGCTTCTTGATGGTACTTTGGAAGTTTG
CTTGTCATTTTCTGTGTAGAAGTGGCTTGTGGCGTTTGGACATATGAACAGGAACCTATG
GTTCCAGTACAATGGTCAGATATGGTCACTTTGAAAGCCAGGATGACAAATTATGGATTA
CCTAGATATCGGTGGCTTACTCATGCTTGAATTTTTTTCAGAGAGAGTTTAAGTGCTGT
GGAGTAGTATATTTCACTGACTGGTTGGAATGACAGAGATGGACTGGCCCCAGATTCC
TGCTGTGTAGAGAATCCAGGATGTTCCAAACAGGCCACCAGGAAGATCTCAGTGAC
CTTTATCAAGAGGGTTGTGGGAAGAAAATGTATTCCTTTTTGAGAGGAACCAAACAACCTG
CAGGTGCTGAGGTTTCTGGGAATCTCCATTGGGGTGACACAAATCCTGGCCATGATTCTC
ACCATTACTCTGCTCTGGGCTCTGTATTATGATAGAAGGGAGCCTGGGACAGACCAAATG
ATGTCCTTGAAGAATGACAACTCTCAGCACCTGTATGTCCTCAGTAGAACTGTTGAAA
CCAAGCCTGTCAAGAATCTTTGAACACACATCCATGGCAAACAGCTTTAATACACTTT
GAGATGGAGGAGTTATAA

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Clone variation with respect to NM_012338.3
765 g=>t



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5' Read Nucleotide Sequence: >OriGene 5' read for NM_012338 unedited
AAACCCAATTCGGCACGAGGGGCTCACAATGGCCAGAGAAGATCCGTGAAGTGTCTGCG
CTGCCTGCTCTACGCCCTCAATCTGCTCTTTTGGTTAATGTCCATCAGTGTGTTGGCAGT
TTCTGCTTGGATGAGGGACTACCTAAATAATGTTCTCACTTAACTGCAGAAACGAGGGT
ATTATAAGCAGTCATTTTGACTTACTTTCTGTGGTTCATCCGGTCATGATTGCTGTTTTG
CTGTTTCTTATCATTGTGGGGATGTTAGGATATTGTGGAACGGTGAAAAGAAATCTGTT
GCTTCTTGCAATGGTACTTTGGAAGTTTGCTTGTCACTTTTCTGTGTAGAAGTGGCTTGGG
CGTTTGGACATATGAACAGGAACCTTATGGTTCCAGTACAATGGTCAGATATGGTCACTTT
GAAAGCCAGGATGACAAATTATGGATTACCTAGATATCGGTGGCTTACTCATGCTTGGAA
TTTTTTTTCAGAGAGAGTTTAAAGTCTGTGGAGTAGTATATTTCACTGACTGGTTGGAAAT
GACAGAGATGGACTGGCCCCAGATTCTGCTGTGTTAGAGAATCCCAGGATGTTCCAA
ACAGGCCACCAGGAAGATCTCAGTGACCTTTATCAAGAGGGTTGTGGGAAGAAATGTA
TTCCTTTTGGAGGAACCAAAACTGCANGTCTGAGGTTTCTGGGGATCTCCATTTG
GGTGACACANATCTGNCCATGATTCTCACCATTACTCTGCTCTGGGCTCTGTATTATGA
TAGAAGGGAGCCTTGGACAAGACAAATGATGTCCTTGAAGAAATGACACTCTCAGCACCT
GTCATGTCCTCAGTAGAACTGGTGAAAACAGCCCTGTCAGAAT

3' Read Nucleotide Sequence: >OriGene 3' read for NM_012338 unedited
GGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTACTCTCTA
AAAAAATTTATTGACACATTTTAAATTTTCTTTCCATATTCTGAGAAATAACAAAATACA
CAAAATACAGTAAATGCACTTTTCCATTTCAAATAAATACTATACTCTTGTAAAAA
AATTTAATAATCTGGGTAAATTTGCCACAGTATATTAATCAGTAAAATAACAAAGAATC
TCTAAATTGTCACATGTTTTAATGATTCTCACAAGCATTTTTCTGGAAAAAAGAACACT
ATTTTCTGTAAAAATTTATATTGACTTGGAGACTATTGCTTCTTGTGGAGAAAGCAAAG
ATAAGCTTTTTAAAAAGTGTAGTGTCAAAAAGAGTCTTCATTTGGGAGAAAAACAGCA
TACAAGTCCTTTTGAATCAACTAAGTTATGTGCAAAATTTCTTATTAATACTTCTCTAAA
GACCAGACTACATTCTGAATAATGATTCCTATGTATCACACTGGTAATTTTCAAATTAG
TGGTTAAGTATTTAAATAACAGTTATATGTGTAATATAAGCCCAGGACAGAAATAGTAAAG
CTTTATTAACAGGAAAGGCTAAAAATAATGATGCTATACAGGACAAAATTTCTTTTTCAT
AATGGTTATTCTTAACATTATCAGAAGTAAATCGACTGAATTTACAGATTTAACACAG
ACTTATATACAAAAATCCCTGATCAGCTTAAAGACATGTGNTAGCTTCTTTTAAAGTG
GGTAGATATTTTAGTACCAGCAAAATACATTTAGGTAGTCCCATATTGAAAGTTTCTGAT
TATAATTTAGCTCAAAGAATAGACGCTGAGTATAAAAGTATTAGATTTCTACTCCTA
TGTACATTAATAGACTTATAACTAGTGGAGAGTAATCACCTTATATGCTCAGCCACATTG
TGACTGTTGATGAGCGA

Restriction Sites: NotI-NotI

ACCN: NM_012338

Insert Size: 2090 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:	<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_012338.3 , NP_036470.1
RefSeq Size:	2579 bp
RefSeq ORF:	918 bp
Locus ID:	23554
UniProt ID:	O95859
Cytogenetics:	7q31.31
Domains:	transmembrane4
Protein Families:	Transmembrane
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. [provided by RefSeq, Jul 2008]