

Product datasheet for **SC322352**

TSPAN5 (NM_005723) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TSPAN5 (NM_005723) Human Untagged Clone
Tag: Tag Free
Symbol: TSPAN5
Synonyms: NET-4; NET4; TM4SF9; TSPAN-5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322352
 CGGGGACGAACCGACGGACCGCCCTGGCGCACGGACGCGGGCGCTCGCTTTGTGTTCC
 GGGGCTAGCGTCGCGGAGGCTTGAAGTTGCAGCGCGCGGCTTCCCTGCTTCTCGCGGCC
 ACCCCGGCTCCGGCGGCCCTCGGCGCGGAGGGGCTGGAGGTGCGGGAGCCGCTCTCCGCC
 GGTCCGGTCCCGCGCGGCTGAGCCAGGCCGCCAGCGCCGCGGCCCGTGCGGTGTCCCT
 GAGCTCCTGCTCCCGCGGGGCTGCTCCGAGCAACGGTGTTCGGAGCTCCAAACTCGGG
 CTGCCGGGCAAGTGTCTTCATGAACCCAGAGGATGTCCGGGAAGCACTACAAGGTCCT
 GAAGTCAGTTGTTGCATCAAATACTTCATATTTGGCTTCAATGTCATATTTGGTTTTTG
 GGAATAACATTTCTTGAATTGGACTGTGGCATGGAATGAAAAAGGAGTTCTGTCCAAC
 ATCTCTCCATCACCGATCTCGGCGGCTTGGACCCAGTTTGGCTCTTCTTGTGGTGGGA
 GGAGTGATGTTTCAATTTGGGATTTGCAGGGTGCATTGGAGCGCTACGGGAAAACACTTTC
 CTCTCAAGTTTTTTCTGTGTTCTGGGAATTATTTCTTCTGAGCTCACTGCCGGA
 GTTCTAGCATTTGTTTTCAAAGACTGGATCAAAGACCAGCTGTATTTCTTTATAAACAAAC
 AACATCAGAGCATATCGGGATGACATTGATTTGCAAAACCTCATAGACTTCAACCCAGGAA
 TATTGGCAGTGCTGTGGGCTTTTGGAGCTGATGATTGGAACCTAAATATTTACTTCAAT
 TGCACAGATTTCAATGCAAGTCGAGAGCGATGTGGCGTTCATTTCTGCTGCACTAAA
 GATCCCGCAGAAGATGTCATCAACACTCAGTGTGGCTATGATGCCAGGCAAAAACCAGAA
 GTTGACCAGCAGATTGTAATCTACACGAAAGGCTGTGTGCCCCAGTTTGAAGAAGTGGTTG
 CAGGACAATTTAACCATCGTTGCTGGTATTTTCATAGGCATTGCATTGCTGCAGATATTT
 GGGATATGCCTGGCCAGAATTTGGTTAGCGATATCGAAGCTGTAGGGCGAGCTGGTAG
 ACCCCCTGCAACCGCTGCTGCAAGACACTGGACAGACCCAGCTTTCGGGACCCTCCCGCG
 TGCCGAACTGATCTTCGAGCTGCATGGACCTAATCACAGATGCAGCCTGCAGTCTCGCCT
 AATGGAGCTGCCATTAGGGGAGTGTAAACTGGGAAATGCTGCTCACTGACAGAATTTAA
 AAAAAAATAACCAAGTATGAAAGTCGTTGCGCCGTGAATCTCTACTGTAGCCATGAATTT
 ATGGACAGTTAGATGCTTACCAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire



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ACCN:	NM_005723
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_005723.2</u> , <u>NP_005714.2</u>
RefSeq Size:	1433 bp
RefSeq ORF:	807 bp
Locus ID:	10098
UniProt ID:	<u>P62079</u>
Cytogenetics:	4q23
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]