

Product datasheet for SC116579

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:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116579 sequence for NM_005723 edited (data generated by NextGen Sequencing)

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ATGTCCGGGAAGCACTACAAGGGTCCTGAAGTCAGTTGTTGCATCAAATACTTCATATTT
GGCTTCAATGTCATATTTTGGTTTTTGGGAATAACATTTCTTGAATTGGACTGTGGGCA
TGAATGAAAAAGGAGTTCTGTCCAACATCTTCCATCACCGATCTCGGCGGCTTTGAC
CCAGTTTGGCTCTTCTTGTGGTGGGAGGAGTGATGTTCAATTTGGGATTTGCAGGGTGC
ATTGGAGCGCTACGGGAAAACACTTTCCTTCTCAAGTTTTTTCTGTGTTCTCTGGGAATT
ATTTTCTTCTGGAGCTCACTGCCGGAGTTCTAGCATTGTTTTCAAAGACTGGATCAA
GACCAGCTGTATTTCTTTATAAACAACAACATCAGAGCATATCGGGATGACATTGATTTG
CAAAACCTCATAGACTTCACCCAGGAATATTGGCAGTGCTGTGGGGCTTTTGGAGCTGAT
GATTGGAACCTAAATATTTACTTCAATTGCACAGATTCCAATGCAAGTCGAGAGCGATGT
GGCGTTCCATTCTCTGTGCACTAAAGATCCCGCAGAAGATGTCATCAACACTCAGTGT
GGCTATGATGCCAGGCAAAAACCAGAAGTTGACCAGCAGATTGTAATCTACACGAAAAGGC
TGTGTGCCCCAGTTTGAAGTGGTTGCAGGACAATTTAACCATCGTTGCTGGTATTTTC
ATAGGCATTGCATTGCTGCAGATATTTGGGATATGCCTGGCCCAGAATTTGGTTAGCGAT
ATCGAAGCTGTCAGGGCGAGCTGGTAG

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Clone variation with respect to NM_005723.3



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_005723 unedited GCTATATTTGTNAATACGAACTCACTATAGGGCGGCCGGAATTCGGCACCAGGCCTTTG CCCGAAGCCCGGGGACGAACCGACGACCGACCGCCTGGCGCACGGACGCGGGCGCTCGC TTTGTGTTTCGGGGCTAGCGTCGGCGAGGCTTGTAGCTTGCAGCGCGCGGCTTCCCTGCTTT CTCGCGGCCACCCCGGCTCCGGCGGCTCGGCGCGGAGGGCTGGAGGTGCGGGAGCCG CTCTCCGCCGGTCGGTCCCGCGGCTGAGCCAGGCCAGCGCCGCGGCGCCCGTGC GGTGTCCCTGAGTCCTGCTCCCGCGGCTGCTCCGAGCAACGGTGTTCGGAGCTCC AAACTCGGGTGC CGGGCAAGTGTCTTATGAACCCAGAGGATGTCGGGAAGCACTAC AAGGGTCTGAAGTCAGTTGTTGCATCAAATACTTCATATTTGGCTTCAATGTCAATTT TGGTTTTTGGGAATAACATTTCTTGAATTGGACTGTGGGCATGGAATGAAAAAGGAGTT CTGTCCAACATCTCTCCATCACCGATCTCGGCGGCTTTGACCCAGTTTGGCTCTTCCTT GTGGTGGGAGGAAGTGATGTTTCAATTTTNGATTGCAGGGTGCATTGGAGCGCTACGGGA AAACACTTTCCTTCTCAAGTTTTTTCTGTTCCTGGGAATTATTTCTTCTGGAGCT CACTGCCGGAGTTCTAGCATTTGTTTTCAAAGACTGGATCANAGACCAGCTGATTTCTT TNATAACAACACATCAGAGCATATCGGGGATGACATTTNGATTGCAAAACCTCATAGA CTTCACCCAGGAATATTGGCAGTGCTGTGGGGCTTTTTGGAGCTGATGATTGGGACCC TAATATTTACTTTTCATTGCACAGATTCCNATGCAGTCGAGAGCGATGT
Restriction Sites:	NotI-NotI
ACCN:	NM_005723
Insert Size:	3500 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_005723.2 , NP_005714.2
RefSeq Size:	1433 bp
RefSeq ORF:	807 bp
Locus ID:	10098
UniProt ID:	P62079
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]