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Product datasheet for SC126021

TSPAN16 (BC029908) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSPAN16 (BC029908) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSPAN16
Synonyms:	TM-8; TM4-B; TM4SF16
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene sequence for BC029908 edited GGACACAGAGGGGCAGAGCAAGTCAGCATTGGCGCCCCTTCCTCAGATCCCTATCATCTT GGGAAACAGTAGCCCAGAGGTTCAGGAAGATGTTAACTTAAATGTTCAGGGTGCCCCAGT CTGTTCAGCATGGCTGAAATCCACACTCCGTATTCTTCCTTGAAGAAACTGTTATCTTTA CTCAATGGCTTCGTGGCTGTGTCTGGCATCATCCTAGTTGGCCTGGGCATTGGTGGTAAA TGTGGAGGGGCCTCTCTGACGAATGTCCTCGGGCTGTCCTCCGCATACCTCCTTCACGTT GGCAACCTGTGCCTGGTGATGGGATGCATCACGGTACTGCTTGGCTGTGCCGGGTGGTAT GGAGCGACTAAAGAGAGCAGAGGCACGCTCTTGTTTTGCATCCTGTCAATGGTTATTGTC CTCATCATGGAAGTTACAGCTGCCACAGTGGTCCTTCTTTTCTTTCCAATTGTTGGAGAT GTGGCCTTGGAACACACCTTCGTGACCCTGAGGAAGAATTACAGAGGTTACAACGAGCCA GACGACTATTCTACACAGTGGAACTTGGTCATGGAGAAGGGACTCTCCAAGTATTTCTTC TCCTCTCTATAGCTAAAGTGCTGTGGGGTGAATAACTACACAGATTTTTCTGGCTCTTCC TTCGAAATGACAACGGGCCACACCTACCCCAGGAGTTGCTGTAAATCCATCGGAAGTGTG TCCTGTGACGGACGCGATGTGTCTCCAAACGTCATCCACCAGAAGGGCTGTTTCCATAAA CTCCTAAAAATCACCAAGACTCAGAGCTTCACCCTGAGTGGGAGCTCTCTGGGAGCTGCA GTGATACAGTTGCCAGGAATTCTTGCCACTTTGCTGCTGTTTATCGAGCTGGGCTGACAC CCAGGCCTGGAGAAGATGAGACACCTGGGCCCATCTGGCTGCTGGAGATTCAGTCTCAGT TTTATTTCTCTGTGGCACTCACTGCTTCTGGAGGGGAGACTGTTAATAAAAGATTTGGGA AACCCCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AA

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5' Read Nucleotide Sequence:

>OriGene 5' read for BC029908 unedited
CGCGNAATTCANATCTGGTACCGGTCCGGAATTCCCGGGATGGACACAGAGGGGCAGAGC
AAGTCAGCATTGGCGCCCCTTCCTCAGATCCCTATCATCTTGGGAAACAGTAGCCCAGAG
GTTCAGGAAGATGTTAACTTAAATGTTCAGGGTGCCCCAGTCTGTTCAGCATGGCTGAAA
TCCACACTCCGTATTCTTCCTTGAAGAAACTGTTATCTTTACTCAATGGCTTCGTGGCTG
TGTCTGGCATCATCCTAGTTGGCCTGGGCATTGGTGGTAAATGTGGAGGGGCCTCTCTGA
CGAATGTCCTCGGGCTGTCCTCCGCATACCTCCTTCACGTTGGCAACCTGTGCCTGGTGA
TGGGATGCATCACGGTACTGCTTGGCTGTGCCGGGTGGTATGGAGCGACTAAAGAGAGCA
GAGGCACGCTCTTGTTTTGCATCCTGTCAATGGTTATTGTCCTCATCATGGAAGTTACAG
CTGCCACAGTGGTCCTTCTTTTCTTTCCAATTGTTGGAGATGTGGCCTTGGAACACACCT
TCGTGACCCTGAGGAAGAATTACAGAGGTTACAACGAGCCAGACGACTATTCTACACAGT
GGAACTTGGTCATGGAGAAGGGACTCTCCAAGTATTTCTTCTCCTCTCTATAGCTAAAGT
GCTGTGGGGTGAATAACTACACAGATTTTTCTGGCTCTTCCTTCGAATGANCACGGGCCA
CACCTACCCCNAGAGTTGCTGTAAATCCATCGGAAGTGTGTCCTGTGACNGACGCGATGT
GTCTCCAAACGTCATCCACCAGAAGGGCTGTTTCCATNAACTNCCTANAATCACCAAGAC
TCAGAGCTTACCCTGAGTGGGAGCTCTCTGGGAGCTGCAGTGATACAGTTGCCAGGAATT
TCTTGCACTTTGCTGCT

Restriction Sites: NotI-NotI

ACCN: BC029908

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.

RefSeq: BC029908.1, AAH29908.1

RefSeq Size: 1082 bp

Locus ID: 26526

Cytogenetics: 19p13.2

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. This encoded protein might couple to signal transduction pathways and possibly modulate cellular activation and adhesion in haemopoietic and neural tissue. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2013]