

Product datasheet for **SC128109**

TSPAN15 (NM_012339) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSPAN15 (NM_012339) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSPAN15
Synonyms:	2700063A19Rik; NET-7; NET7; TM4SF15
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_012339, the custom clone sequence may differ by one or more nucleotides

```

ATGCCGCGCGGGGACTCGGAGCAGGTGCGCTACTGCGCGCGCTTCTCCTACCTCTGGCTCAAGTTTTTAC
TTATCATCTATTCCACCGTGTCTGGCTGATTGGGGCCCTGGTCCTGTCTGTGGGCATCTATGCAGAGGT
TGAGCGGCAGAAATATAAAACCCTTGAAAGTGCCTTCTGGCTCCAGCCATCATCCTCATCCTCTGGGC
GTCGTCATGTTTCATGGTCTCCTTCATTGGTGTGCTGGCGTCCCTCCGTGACAACCTGTACCTTCTCCAAG
CATTTCATGTACATCCTTGGGATCTGCCTCATCATGGAGCTCATTGGTGGCGTGGTGGCCTTGACCTTCCG
GAACCAGACCATTGACTTCCTGAACGACAACATTCGAAGAGGAATTGAGAACTACTATGATGATCTGGAC
TTCAAAAACATCATGGACTTTGTTCAGAAAAAGTTCAAGTGCTGTGGCGGGGAGGACTACCGAGATTGGA
GCAAGAATCAGTACCACGACTGCAGTGCCCTGGACCCCTGGCCTGTGGGGTGCCCTACACCTGTGTCAT
CAGGAACACGACAGAAGTTGTCAACACCATGTGTGGCTACAAAATATCGACAAGGAGCGTTTCAGTGTG
CAGGATGTCATCTACGTGCGGGGCTGCACCAACGCCGTGATCATCTGGTTCATGGACAACACACCATCA
TGGCGGGCATCCTCTGGGCATCCTGCTTCCCCAGTTCTGGGGGTGCTGCTGACGCTGCTGTACATCAC
CCGGGTGGAGGACATCATCATGGAGCACTCTGTCACTGATGGGCTCCTGGGGCCCGGTGCCAAGCCCAGC
GTGGAGGCGGCAGGCACGGGATGCTGCTGTGCTACCCCAATTAG
  
```


[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_012339 unedited
 CCGCCAGAATTGTATACGACTCATATAGCGGCCTGCGAATCGGCACGAGGGCAGCCGCA
 GGTGGGGCCACGAGCGCTGGCTGAGGGACCGAGCCGGAGAGCCCCGGAGCCCCGTAAAC
 CGCGCGGGGAGCGCCAGGATGCCGCGCGGGGACTCGGAGCAGGTGCGCTACTGCGCGCG
 CTTCTCTACCTCTGGCTCAAGTTTTCACTTATCATCTATTCCACCGTGTCTGGCTGAT
 TGGGGCCCTGGTCTGTCTGTGGCATCTATGCAGAGGTTGAGCGGCAGAAATATAAAAC
 CTTTGAAGTGCCTTCTGGCTCCAGCCATCATCTCATCTCTGGGCGTCGTCATGTT
 CATGGTCTCCTTCATTGGTGTGCTGGCGTCCCTCCGTGACAACCTGTACCTTCTCCAAGC
 ATTCATGTACATCCTTGGGATCTGCCTCATCATGGAGCTCATTGGTGGCGTGGTGGCCTT
 GACCTTCCGGAACCAGACCATTGACTTCTGAACGACAACATTGAAGAGGAATTGAGAA
 CTACTATGATGATCTGGACTTCAAAAACATCATGGACTTTGTTTCAAAAAAGTTCAAGTG
 CTGTGGCGGGGAGGACTACCGAGATTGGAGCAAGAATCAGTACCAGGACTGCAGTGCCCC
 TGGACCCCTGGCTTGGTGGNGTGCCCTACACCTGCTGCATCAGGAACACGACAGNAAGTT
 GTCAACACCCATGTGTGGCTACAAGACTATCGACAGGGAGCGNNTTCAGTGTGACGATG
 TCATCTACGTGCGNGCTGACAACGCCCGGATCATCTGGATCAGGACACTACACCATCAT
 GCNGGCATNCTCTGGGCATCTGATTCCAGTCTCTTGGGGTGCTGTGACGCTCTGACAT
 CACCGNNTGGAGACATATATGGACGACTCTGTCTGAGGNCCTTGNGGCCTGGGCGACCA
 CGGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_012339 unedited
 TAGNGATCGGTTTTTTTTTTTTTTTTTTTTTAAAAAAAACATGTTTTATTGTTTGAT
 TAACAAACTGGTTGGGGGAAGGGCAAGAATAAGACATGCGGGGAAATACCAGCTTTGATT
 AGTCAGAACTCCTGTTATCTGTACAAAAAATGAATGTTACAAAAATCACGTAAAAAA
 CTAGGCTCAAGGAAGCAGCCGCCCTTGCAAGAGGGCTCAAGGCACCTGGGAGGCTGAGAA
 GAGGCCAACCTGGCCATGGGCGTGGCTGCATGGACAGCTCTCCCTCCTGCCCTTCCCCA
 GATGCCCTTCCCTCCTGCCCGAGGGGCACACTCCCTCTCCCAATTACAGGTGCTACAA
 AACTGCCTTGAATACCACCGCCAAGGCACTGCCAGAGATGAAATGGGCCCTGAGCAGAGC
 CTCAGGCTCTCCCTCCCCGTAGCCAGGCCTGGAGAAAGGAGGGCCTTGTCCCCAGGC
 CCCAGGTGGGCACAGATTCCAGAGCTGCCTCGGGGAAAGCCTCTTAGGGGAGGCCAGGC
 TCTGCTCCCTGGGAGGCAGAGGCCGTGGGACCTACACACAGGCACACACAGCCCTGGCT
 TTGGTCACTAGTGTGGGCAGAGGGCCGACGCCCTGTCCAGCCCCACGATGTTGAC
 TGAGAGGTGCTATCCAGACGGTCTTGTGGAGCTGCCATGGCAGGCTGGGCCCTAATT
 GGGGTAGCACAAGCAGCATCCCGTGCCTGCCGCCTCCACGCTGGGCTTGGCACCGGGCCC
 CAGGAGCCCATCAGTGACAGAGTGCTCCATGATGATGTCCTCACCCGGGTGATGTACAG
 CAGCGTCAGCAGACCCCCAGGAAGT

Restriction Sites:

NotI-NotI

ACCN:

NM_012339

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).

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:	<u>NM_012339.3, NP_036471.1</u>
RefSeq Size:	1726 bp
RefSeq ORF:	885 bp
Locus ID:	23555
UniProt ID:	<u>O95858</u>
Cytogenetics:	10q22.1
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. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq, Jul 2008]