

Product datasheet for SC319953

Tetraspanin 9 (TSPAN9) (NM_006675) Human Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Tetraspanin 9 (TSPAN9) (NM_006675) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Tetraspanin 9 |
| Synonyms: | NET-5; NET5; PP1057 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC (PS100020) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene sequence for NM_006675.3 |

```

GTCCTGCGGGCGCGGAATATCCTGGAACCTTCTTTTGTGTGTCAGCAGCCAAGGTGTTTC
CAGGAAGTTCAGAGAGAACAGAAATTTAAGAAGTGAACATGGCCAGGGGCTGCCTCTGCT
GCTTGAAGTACATGATGTTCTCTTCAATTTGATATTCTGGCTCTGTGGCTGTGGGCTGC
TGGGAGTGGGCATCTGGCTCTCCGTGTCCCAAGGCAACTTTGCCACCTTCTCCCCAGCT
TCCCTTCGTTGTCTGCAGCCAACCTGGTCATTGCCATAGGCACCATTTGCATGGTGACGG
GCTTCCTCGGCTGCCTGGGGGCCATCAAGGAAAACAAGTGCCTCCTCAGCTTTTCA
TCGTCCTGTTGGTCATCCTCCTAGCAGAGCTGATCTTACTCATCCTCTTCTTTGTCTACA
TGGACAAGGTGAACGAGAACGCCAAGAAGGACCTGAAGGAAGGCTGCTGCTGTACCACA
CCGAGAACAACGTGGGGCTGAAGAACGCCTGGAACATCATCCAGGCTGAGATGCGATGCT
GTGGTGTCACTGACTACACAGACTGGTACCCAGTGTGGGGGAGAACACGTTCCCGACC
GCTGCTGCATGGAGAACTCCAGGGCTGCGGGCGCAACGCCACCCACGCTTTGTGGAGAA
CGGGCTGCTATGAAAAGGTGAAGATGTGGTTTCGATGACAATAAGCACGTGCTGGGCACGG
TGGGGATGTGCATCCTCATGCAGATCCTGGGCATGGCCTTCTCCATGACCCTCTTCC
AGCACATCCACCGGACTGGTAAGAAGTACGACGCATGAGCGGGCTGGCCGGGAGTGCCCA
CCCCGCCCTGCTGCCCTGTGGAGGAAGAGGATTGAGCTTTGTGTACCTGCCTGCGCTC
TCCAGATATGACCCCTGCACCCACCCCCACAGCCTGCCCTACCCACCTACCCTGCCTC
AGCCTCGGACTTCTCAGTGGGTGGAGTGCCAGGGAGGAGGAGGCACACGAGACCTGGGG
CTCGGGGCCCCCTGGATTCTGCTGCTGCATATGCGTATTTGCCAAAGACGACAGGTGGG
CTGGGGTGGCTCCGGAGGAACCCCGCACTGATGGGCTTCTGCCCTGCCCTTCTCTCA
CACTGACACTTTTCCCCACATGGGGTGGGGAGCAGAGTGCCCGCCCCGTGGAGATACCG
CCCCAGCGGGGGCTGCGACATCCATGGCCACCATGGGGCACCTGGCGGGGCGGGGCTG
CCGGCCTCTGGGCAAGGCCCTGGAGCATCTCGCCAGGCTTTTATACCTTACAATGTA
ACTTTTTTATTTTACTCTATGATTATTCAGGAATATTATCTCTCAAAAAAAAAA
AAAAAA
  
```

Restriction Sites: Please inquire



[View online »](#)

| | |
|-------------------------------|--|
| ACCN: | NM_006675 |
| 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_006675.3, NP_006666.1</u> |
| RefSeq Size: | 4338 bp |
| RefSeq ORF: | 720 bp |
| Locus ID: | 10867 |
| UniProt ID: | <u>O75954</u> |
| Cytogenetics: | 12p13.33-p13.32 |
| Protein Families: | Transmembrane |
| Gene Summary: | <p>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. Alternatively spliced transcripts encoding the same protein have been identified. [provided by RefSeq, Nov 2009]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p> |