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Product datasheet for SC328383

Tetraspanin 9 (TSPAN9) (NM_001168320) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tetraspanin 9 (TSPAN9) (NM_001168320) Human Untagged Clone
Tag:	Tag Free
Symbol:	Tetraspanin 9
Synonyms:	NET-5; NET5; PP1057
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328383 representing NM_001168320. Blue=Insert sequence Red=Cloning site Green=Tag(s) GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC ATGGCCAGGGGCTGCCTCTGCTGCTTGAAGTACATGATGTTCCTCTTCAATTTGATATTCTGGCTCTGT GGCTGTGGGCTGCTGGGAGTGGGCATCTGGCTCTCCGTGTCCCAAGGCAACTTTGCCACCTTCTCCCCC AGCTTCCCTTCGTTGTCTGCAGCCAACCTGGTCATTGCCATAGGCACCATTGTCATGGTGACGGGCTTC CTCGGCTGCCTGGGGGCCATCAAGGAAAACAAGTGCCTCCTCCTCAGCTTTTTCATCGTCCTGTTGGTC ATCCTCCTAGCAGAGCTGATCTTACTCATCCTCTTCTTTGTCTACATGGACAAGGTGAACGAGAACGCC AAGAAGGACCTGAAGGAAGGCCTGCTGCTGTACCACACCGAGAACAACGTGGGGCTGAAGAACGCCTGG AACATCATCCAGGCTGAGATGCGATGCTGTGGTGTCACTGACTACACAGACTGGTACCCAGTGCTGGGG GAGAACACGGTTCCCGACCGCTGCTGCATGGAGAACTCCCAGGGCTGCGGGCGCAACGCCACCACGCCT TTGTGGAGAACGGGCTGCTATGAAAAGGTGAAGATGTGGTTCGATGACAATAAGCACGTGCTGGGCACG GTGGGGATGTGCATCCTCATCATGCAGATCCTGGGCATGGCCTTCTCCATGACCCTCTTCCAGCACATC CACCGGACTGGTAAGAAGTACGACGCATGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
Restriction Sites:	SgfI-MluI
ACCN:	NM_001168320
Insert Size:	720 bp

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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:	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_001168320.1
RefSeq Size:	4284 bp
RefSeq ORF:	720 bp
Locus ID:	10867
UniProt ID:	O75954
Cytogenetics:	12p13.33-p13.32
Protein Families:	Transmembrane
MW:	26.8 kDa
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. Alternatively spliced transcripts encoding the same protein have been identified. [provided by RefSeq, Nov 2009] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.