

Product datasheet for SC317271

TMEM208 (NM_014187) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM208 (NM_014187) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM208
Synonyms:	hSND2; HSPC171
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317271 representing NM_014187. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGCCCAAGGGCAAAGTGGGCACGAGAGGGAAGAAGCAGATATTTGAAGAGAACAGAGAGACTCTG
AAGTTCTACCTGCGGATCATACTGGGGCCAATGCCATTTACTGCCTTGTGACGTTGGTCTTCTTTTAC
TCATCTGCCTCATTTTGGGCCTGGTTGGCCCTGGGCTTTAGTCTGGCAGTGTATGGGGCCAGCTACCAC
TCTATGAGCTCGATGGCAGCAGCAGCGTTCTCTGAGGATGGGGCCCTGATGGATGGTGGCATGGACCTC
AACATGGAGCAGGGCATGGCAGAGCACCTTAAGGATGTGATCCTACTGACAGCCATCGTGCAGGTGCTC
AGCTGCTTCTCTCTATGTCTGGTCTTCTGGCTTCTGGCTCCAGGCCGGGCCCTTACCTCCTGTGG
GTGAATGTGCTGGGCCCTGGTTCACTGCAGACAGTGGCACCCAGCAGCAGACAATGAGAAACGG
CAGCGCCGACAGGAGCGGCGGCAGATGAAGCGTTATAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_014187
Insert Size:	522 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).



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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_014187.3</u>
RefSeq Size:	808 bp
RefSeq ORF:	522 bp
Locus ID:	29100
UniProt ID:	<u>Q9BTX3</u>
Cytogenetics:	16q22.1
Protein Families:	Transmembrane
MW:	19.6 kDa
Gene Summary:	<p>This gene encodes a highly conserved protein which is localized in the endoplasmic reticulum (ER). The protein is linked to autophagy and ER stress. Knockdown of this gene increased autophagy and triggered ER stress. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>