

Product datasheet for **SC322344**

TM9SF1 (NM_006405) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TM9SF1 (NM_006405) Human Untagged Clone
Tag:	Tag Free
Symbol:	TM9SF1
Synonyms:	HMP70; MP70
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322344
 GTTCCACTGCCTTAAGGATGACAGTCGTAGGGAACCTCGAAGTTGGAGCTGCCAGTGGT
 TGCCAATCCTGATACTGTTGCTGGGCACAGGCCATGGGCCAGGGTGGAAGGCGTGACAC
 ACTACAAGGCCGGCGACCTGTTATTCTGTATGTCAACAAAGTGGGACCTACCATAACC
 CTCAGGAACTTACCACTACTATCAGCTTCCAGTCTGCTGCCCTGAGAAGATACGTCACA
 AAAGCCTTAGCCTGGGTGAAGTCTGGATGGGACCGAATGGCTGAGTCTTTGTATGAGA
 TCCGCTTTCGGGAAAACGTGGAGAAGAGAATTCTGTCCACATGCAGCTCAGTTCTGCAC
 AGGTGGAGCAGCTGCGCCAGGCCATTGAAGAACTGTAATACTTTGAATTTGTGGTAGATG
 ACTTGCCAATCCGGGGCTTTGTGGGCTACATGGAGGAGAGTGGTTTCTGCCACACAGCC
 ACAAGATAGGACTCTGGACCCATTTGGACTTCCACCTAGAATTCATGGAGACCGAATTA
 TATTTGCCAATGTTTCAGTGGGGACGTCAAGCCCCACAGCTTGGATGGGTTACGACCTG
 ACGAGTTCCTAGGCCTTACCCACACTTATAGCGTGCCTGGTCTGAGACTTCAGTGGAGC
 GTCGGAGTGACAGGCGCCGTGGTGACGATGGTGGTTTCTTCTCGAACACTGGAATCC
 ATGGTGTGTCATCACTCACTCCATGGTCTTGTGTTTTACTGGTGGGTTTTGTGGCTG
 TCATTCTAATGCGTGTGCTTCGGAATGACCTGGCTCGGTACAACCTAGATGAGGAGACCA
 CCTCTGCAGGTTCTGGTGATGACTTTGACCAGGTTGACAAATGGCTGGAAAATTATCCATA
 CAGATGCTTCCGCTTCCCCCATACCGTGGTCTGCTCTGTGCTGTGCTTGGCGTGGGTG
 CCCAGTTCCTGGCCCTTGGCACTGGCATTATTGTATGGCACTGCTGGGCATGTTCAATG
 TGCACCGTCATGGGGCCATTAACCTCAGCAGCCATCTTGTGTATGCCCTGACCTGCTGCA
 TCTCTGGCTACGTGTCCAGCCACTTCTACCGGCAGATTGGAGGCGAGCGTTGGGTGTGGA
 ACATCATTCTCACCACAGTCTCTTCTGTGCCTTTCTTCTGACGTGGAGTGTGGTGA
 ACTCAGTGCATTGGGCCAATGGTTCGACACAGGCTCTGCCAGCCACAACCATCCTGCTGC
 TTCTGACGGTTTGGCTGCTGGTGGGCTTTCCCTCACTGTCATTGGAGGCATCTTTGGGA
 AGAACACGCCAGCCCTTTGATGCACCTGTGCGACCAAGAACATCGCCCGGGAGATTTC
 CACCCAGCCCTGGTACAAGTCTACTGTCATCCACATGACTGTTGGAGGCTTCTGCCTT
 TCAGTGCCATCTCTGTGGAGCTGTAATACATCTTGGCACAGTATGGGTGCGGAGCAGT
 ACATTTGTACGGCATCCTCTTCTTGTCTTCGCCATCCTGCTGAGTGTGGGGCTTGCA
 TCTCCATTGCACTCACCTACTTCCAGTTGTCTGGGGAGGATTACCGCTGGTGGTGGCGAT
 CTGTGCTGAGTGTGGTCCACCGGCTTCTCATCTTCTCTACTCAGTTTTCTATTATG
 CCCGGCGCTCAACATGTCTGGGCGAGTACAGACAGTAGAGTTCTTCGGCTACTCCTTAC
 TCACTGGTTATGTCTTCTCTCATGCTGGGCACCATCTCCTTTTTTTCTCCCTAAAGT
 TCATCCGTATATCTATGTTAACCTCAAGATGGACTGAGTCTGTATGGCAGAACTATTG
 CTGTTCTCTCCCTTTCTTCATGCCTGTTGAACTCTCCTACCAGCTTCTCTTCTGATTGA
 CTGAATTGTGTGATGGCATTGTTGCCTTCCCTTTTGGCCTTTGGGCATTCTTCCCCAGA
 GAGGGCTGGAAATTATAATCTCTATCACATAAGGATTATATTTGAACTTTTAAAGT
 TGCCTTAGTTTTGGTCTGATTTTTCTTTTACAATTACCAAAATAAAATTTATTAAGA
 AAAAGAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_006405

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:	<u>NM_006405.5, NP_006396.2</u>
RefSeq Size:	2449 bp
RefSeq ORF:	1821 bp
Locus ID:	10548
UniProt ID:	<u>O15321</u>
Cytogenetics:	14q12
Domains:	EMP70
Protein Families:	Transmembrane
Gene Summary:	Plays an essential role in autophagy.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).