

Product datasheet for **RC231116**

STMND1 (NM_001190766) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	STMND1
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-Entry (PSI00001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >RC231116 representing NM_001190766
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGGCTGTGGACCTTCCCAACCTGCTGAAGACCGGAGACGTGTACGCGCGCCCAAGAAGGGCTGGAAAG
AGGAATCAAGGCTGATGTCAGTGTGCCTCATACTGGGAAAATTGCAGCCCCGGATGGAAGCTGCTCT
GACCAAGAATACTGTGGACATTGCAGAAGGCCTGGAACAAGTCCAGATGGGAAGCTTACCTGGAACCATT
TCAGAAAAATCTCCATCTCCTAGTGAAGAAACAGACGAGTAAATTCAGACCTAGTGACCAATGGATTAA
TCAATAAACCCCAATCCCTAGAGAGTCGAGAGCGACAGAAGTCATCAGATATCCTGGAGGAATAATTGT
TCAAGGAATTATACAAAGCCACAGCAAAGTATTTAGAAATGGAGAATCATATGATGTCACGTTGACTACG
ACTGAGAAGCCATTGAGAAAGCCACCTTCCAGACTGAAAAAACTCAAGATCAAAAAGCAAGTGAAGGATT
TCACAATGAAGGACATCGAGGAGAAGATGGAGGCTGCCGAGGAGCGCAGGAAGACTAAAGAAGAAGAAAT
AAGAAAAAGGCTACGGAGTGACCGACTTTTGCCTTCAGCCAATCACTCAGATTCAGCTGAATTAGATGGG
GCCGAGTTGCATTGCCAAAGGACTTCAAAGGGTGAGGTCTGCTGGATTGAACCATCTGACCTGCAGG
GAGGAAAACCATTTGAAGAGGAAGAAGAGTAAATGTGATGCAACCTTGATTGATAGAAACGAAAGTGATGA
AAGTTTGGGGTCGTGGAGTCAGACATGTCTACAACCAAGCAGATGACATAGTCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >RC231116 representing NM_001190766
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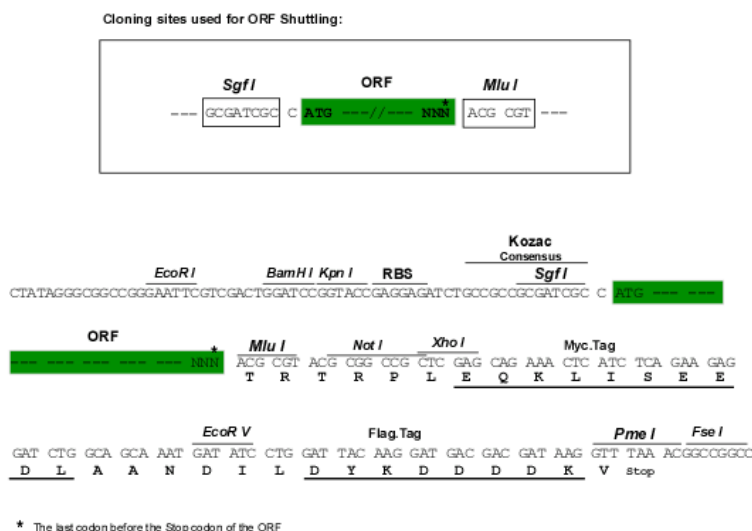
MGCGSPQPAEDRRRVRAPKKGWKEEFKADVSVPHTGENCSPRMEALTKNTVDIAEGLEQVQMGLPGTI
SENSPSPERNRRVNSDLVTNGLINKPQSLESRRERQKSSDILEELIVQGI IQSHSKVFRNGESYDVTLT
TEKPLRKPPSRLKKLKKKQVKDFTMKDIEEKMEAAEERRKTKEEEIRKRLRSDRLPSANHSDSAELDG
AEVAFAKGLQVRSA GFEPDLOGGKPLKRKSKCDATIDRNSDESFGVVESDMSYNOADDIVY

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1264_h07.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001190766

ORF Size: 828 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001190766.2

RefSeq ORF: 831 bp

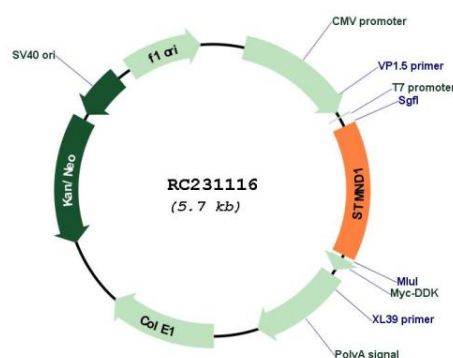
Locus ID: 401236

UniProt ID: H3BQB6

Cytogenetics: 6p22.3

MW: 31.4 kDa

Product images:



Circular map for RC231116