

## Product datasheet for **SC107487**

### STAMBPL1 (NM\_020799) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	STAMBPL1 (NM_020799) Human Untagged Clone
Tag:	Tag Free
Symbol:	STAMBPL1
Synonyms:	ALMalpha; AMSH-FP; AMSH-LP; bA399O19.2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107487 sequence for NM_020799 edited (data generated by NextGen Sequencing)

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ATGGATCAGCCTTTTACTGTGAATTCTCTGAAAAAGTTAGCTGCTATGCCTGACCATACA
GATGTTTTCCCTAAGCCCAGAAGAGCGAGTCCCGTCCCTAAGCAAGCTTGTTGTAATATC
ACCATCAGTGAAGACATCACTCCACGACGTTACTTTAGGTCTGGAGTAGAGATGGAGAGG
ATGGCGTCTGTGATTTGGAAGAAGGAAATTTGGAAAATGCCTTTGTTCTTTATAATAAA
TTTATAACCTTATTTGTAGAAAAGCTTCCCTAACCATCGAGATTACCAGCAATGTGCAGTA
CCTGAAAAGCAGGATATTATGAAGAACTGAAGGAGATTGCATCCCAAGGACAGATGAA
TTGAAAACGACCTTTTAAAGAAATATAACGTAGAATACCAAGAATATTTGCAAAGCAA
AACAAATATAAGCTGAAATTCTCAAAAAATTGGAGCATCAGAGATTGATAGAGGCAGAA
AGGAAGCGGATTGCTCAGATGCGCCAGCAGCAGCTAGAATCGGAGCAGTTTCTGTTTTTC
GAAGATCAACTCAAGAAGCAAGAGTTAGCCCGAGGTCAAATGCGAAGTCAGCAAACCTCA
GGGCTGTGAGAGCAGATTGATGGGAGCGCTTTGCTCTGCTTTCCACACACCAGAACAAT
TCCTTGCTGAATGATTTGCAGATCAACCTAATAAAAAGTGATGCAACCAATTATGCTAGC
CACTCTCCTCCTGTAACAGGGCCTTAACGCCAGCTGCTACTCTAAGTGCTGTTTCAGAA
TTAGTGTTGAAGGACTGCGATGTGTAGTTTTGCCAGAAGATCTTTGCCACAAATTTCTG
CAACTGGCAGAATCTAATACAGTGAGAGGAATAGAAACCTGTGGAATACTCTGTGAAAA
CTGACACATAATGAATTTACTATTACCCATGTAATTGTGCCAAAGCAGTCTGCGGGACCA
GACTATTGTGACATGGAGAATGTAGAGGAATTATTCAATGTTTCAGGATCAACATGATCTC
CTCACTTAGGATGGATCCATACACATCCCACTCAAACCTGCATTTTTATCCAGCGTTGAT
CTTCACACTCACTGTTCTATCAACTCATGTTGCCAGAGGCCATTGCCATTGTTTGCTCA
CCAAAGCATAAAGACTGGCATCTTCAGGCTACCAATGCTGGCATGCTTGAGGTTTCT
GCTTGTAATAAAAAAGGGCTTTTCATCCACACACCAAGGAGCCAGGCTGTTTCAGTATATGC
AAACATGTGTTGGTAAAAGACATAAAAAATAATTGTGTTGGATCTGAGGTGA

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Clone variation with respect to NM\_020799.2  
750 a=>g



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_020799 unedited  
 TCAGAATTTGTATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGCCGGGACCATC  
 GCAGTGACAATTTATTTTCTGCAGCAGCGGCAGCAGGGACGGTTGCTGCAGGTTCCGGG  
 TCGGCCGGCTGCGCGTGGGCTTGCAGGACGCTGTTTCGTCCTGCGCTGGGGTGTCCG  
 ACAGCGAGGAGGAGAACGACGCACGGAGCCCGCGGACTGGAACCAGCAAAGCTCCATCT  
 GTCGGCAGAGGAGAAGGGGGAGGAGGCACGGCCGAGGCAAACGAGCGGACGCCTCGTCGC  
 CGGGTCCCGGTATCACCCCGCTGCAACGCCTTCCAGCAAAGCCACCGCGGCCGGGTTG  
 CAGCAGCCGGACGGATGCCAAGGCCACACGGCAGCCACGGGGGACGCCGTGCGAGTCGCC  
 GTCCACACGGGCTGCGGACACCAAGGGTTGCTAATGAAGTGATTGAGAAGAAACAGTGA  
 ACATCCTCATTTACAGATAAGACAACATGGATCAGCCTTTTACTGTGAATTCTCTGAAA  
 AAGTTAGCTGCTATGCCTGACCATACAGATGTTTCCCTAAGCCAGAAGAGCGAGTCCGT  
 GCCCTAAGCAAGCTTGGTTGTAATATCACCATCAGTGAAGACATCACTCCACGACGTTAC  
 TTTAGGCTGAGTAGAGATGGAGAGGATGGCGTCTGTGATTTTGAAGAAGGAAATTGG  
 AAATGCCTTTGTTCTTTAATAAATTTATACCTTATTTGTAGAANAGCTTCCCTACCATC  
 GAGATTTACCAGCATGTGCACTGAAAAGCAGGATATTATGAAGAACTGAAGGAGA  
 TTGCATCCCNAAGACAGATGAATTNGAAAACGACCTTTTNAAGAAAATATACGTAGAAT  
 ACCCAAGATATTTGCAAGCAAAACAATATTAAGCTGAAATCTCAAATTTGGGAGCATCNN  
 AATTGATAGAGGCAGAAGGAA

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_020799 unedited  
 AACTTCCCGGCCAGGAGAGGCACTGGGGAGGGTACAGGGATGCCACCCGGGATCTGTT  
 CAGGAAACAGCTATGACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGT  
 TGTTTGCAGCACAATTTATTATCTGGCCATAGTATTTGGGTACATTATCAGGTACCGATT  
 TAACACCATGTAACCTCTTTGACACAGAGCAACCCAAAAAGAAAACCTTTAAAATGTGCC  
 ACAGCAATAAATATCAAGCTTTGTCATCTAAAATGTATAAATATAAATATCAGTCATTT  
 CTGAAAACATCTTAAGAAAATCCGGCAACCACATGTCCATGAGTAGGTGTCTGATGTTGA  
 CGGTGCTTACATTCAGAACATATCACCTCAGATCCAACACAATTTTTTTATGCTTTTTA  
 CCAACACATGTTTGCATATACTGAACAGCCTGNGCTCCTTGGTGTGTGGATGAAAGCCCT  
 TTTTTTACAAGCAGAAACCTCAAGCATGCCAGCATTGGTGAGCCTGAAGATGCCAGTGT  
 CTTTATGCTTTGGTGAGCAAACAATGGCAATGGCCTCTTGCAACATGAGTTGATAGGACA  
 GTGAGTGTGAGATCACGCCTGATNAATGCATTTGATGGGAGTGATGGATCATCTANATGA  
 GAGATCTGTGATCCGACATGATAATCTCTCATCCAGTCAAATCTGCC

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_020799

**Insert Size:**

2000 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).

**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\\_020799.2](#), [NP\\_065850.1](#)

**RefSeq Size:** 2010 bp

**RefSeq ORF:** 1311 bp

**Locus ID:** 57559

**UniProt ID:** [Q96FJ0](#)

**Cytogenetics:** 10q23.31

**Protein Families:** Druggable Genome, Protease

**Gene Summary:** Zinc metalloprotease that specifically cleaves 'Lys-63'-linked polyubiquitin chains. Does not cleave 'Lys-48'-linked polyubiquitin chains.[UniProtKB/Swiss-Prot Function]