

Product datasheet for **RG201884**

STAMBPL1 (NM_020799) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STAMBPL1 (NM_020799) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	STAMBPL1
Synonyms:	ALMalpha; AMSH-FP; AMSH-LP; bA399O19.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG201884 representing NM_020799 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**

ATGGATCAGCCTTTTACTGTGAATTCTCTGAAAAAGTTAGCTGCTATGCCTGACCATACAGATGTTTCCC
TAAGCCCAGAAGAGCGAGTCCGTGCCCTAAGCAAGCTTGGTTGTAATATCACCATCAGTGAAGACATCAC
TCCACGACGTTACTTTAGGTCTGGAGTAGAGATGGAGAGGATGGCGTCTGTGATTTGGAAGAAGGAAAT
TTGGAAAAATGCCTTTGTTCTTTATAATAAATTTATAACCTTATTTGTAGAAAAGCTTCTCAACCATCGAG
ATTACCAGCAATGTGCAGTACCTGAAAAGCAGGATATTATGAAGAACTGAAGGAGATTGCATTCCTCAAG
GACAGATGAATTGAAAAACGACCTTTTAAAGAAATATAACGTAGAATACCAAGAAATTTGCAAAGCAAA
AACAAATATAAGCTGAAATTCTCAAAAAATTGGAGCATCAGAGATTGATAGAGGCAGAAAAGGAAGCGGA
TTGCTCAGATGCGCCAGCAGCAGCTAGAATCGGAGCAGTTTCTGTTTTTCGAAGATCAACTCAAGAAGCA
AGAGTTAGCCCGAGGTCAAATGCGAAGTCAGCAAACTCAGGGCTGTGAGCAGATTGATGGGAGCGCT
TTGCTCTGCTTTTCCACACACAGAACAAATTCCTTGTGAATGTATTTGCAGATCAACCTAATAAAAAGTG
ATGCAACCAATTATGCTAGCCACTCTCCTCCTGTAACAGGGCCTAACACCAGCTGCTACTCTAAGTGC
TGTTTCAAGATTTAGTGGTTGAAGGACTGCGATGTGTAGTTTTGCCAGAAGATCTTTGCCACAAATTTCTG
CAACTGGCAGAATCTAATACAGTGAAGGAATAGAAACCTGTGGAATACTCTGTGAAAACTGACACATA
ATGAATTTACTATTACCATGTAATTGTGCCAAAGCAGTCTGCGGACCAGACTATTGTGACATGGAGAA
TGTAGAGGAATTATTCAATGTTCAAGATCAACATGATCTCCTCACTCTAGGATGGATCCATACACATCCC
ACTCAAATGCATTTTTATCCAGCGTTGATCTTCACTCACTGTTTCTATCAACTCATGTTGCCAGAGG
CCATTGCCATTGTTTGTCCAAAGCATAAAGACACTGGCATCTTCAGGCTCACCAATGCTGGCATGCT
TGAGGTTTCTGCTGTAAAAAAGGGCTTTTATCCACACACCAAGGAGCCAGGCTGTTTCAGTATATGC
AAACATGTGTTGGTAAAAGACATAAAAAAATTGTGTTGGATCTGAGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG201884 representing NM_020799
 Red=Cloning site Green=Tags(s)

MDQPFTVNSLKKLAAMPDHTDVLSPEERVRALSKLGCNITISEDITPRRYFRSGVEMERMASVYLEEGN
 LENAFLVYNKFIITLFVEKLPNHRDYQCAVPEKQDIMKKLKEIAFPRTDELKNDLLKKYNVEYQEYLQSK
 NKYKAEILKKLEHQRLIEAERKRIAQMRRQQLSEQLFFEDQLKKQELARGQMRSSQQTSGLSEQIDGSA
 LSCFSTHQNNSSLNVFADQPNKSDATNYASHSPVNRALTPAATLSAVQNLVVEGLRCVVLPEDLCHKFL
 QLAESNTVRGIETCGILCGKLTHNEFTITHVIVPKQSAGPDYCDMENVEELFNVQDQHDLLTLGWIHTHP
 TQTAFSSVDLHTHCSYQLMLPEAIAIVCSPKHKDTGIFRLTNAGMLEVSACKKKGFHPHTKEPRLFSIC
 KHLVLKDIKIIIVDLR

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_020799

ORF Size: 1308 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.

RefSeq: [NM_020799.2](#), [NP_065850.1](#)

RefSeq Size: 2010 bp

RefSeq ORF: 1311 bp

Locus ID: 57559

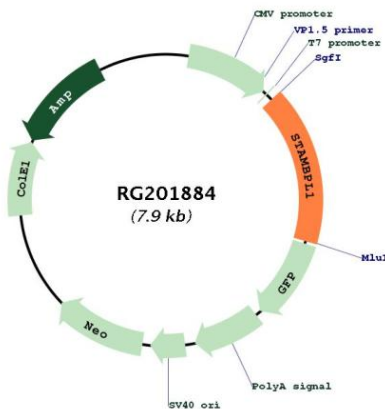
UniProt ID: [Q96FJ0](#)

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]

Product images:



Circular map for RG201884