

## Product datasheet for **MG206947**

### Stambpl1 (NM\_029682) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Stambpl1 (NM_029682) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Stambpl1
Synonyms:	1700095N21Rik; 8230401J17Rik; ALMalpha; AMSH-FP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206947 representing NM_029682 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGACCATACAGATGTTTCTCTAAGTCCAGAGGAGCGGGTCCGCGCCCTAAGCAAACCTGGTTGTA  
ATATCTCCATTAATGAAGATATCACCCACGCCGTTACTTCAGGTCCGGAGTGAAATGGAAGGATGGC  
ATCTGTGTATTTGGAAGAAGGAAACCTGGAAAATGCCTTTGTTCTTTATAACAAATTTATAACGTTATTT  
GTAGAAAACTTCCAGCCACCGAGATTACCAGCAGTGTGCAGTCCAGAGAAGCAGGATATTATGAAGA  
AACTGAAGGAGATTGCGTTCCTCAAGGACAGACGAATTGAAAACGGACCTGCTAAGGAAATATAACATAGA  
ATACCAAGAGTATTTGCAAAGTAAAAACAAATATAAAGCCGAAATTCCTCAAAAAGTTGGAACATCAGAGA  
CTGATAGAGGCAGAGCGCCAGCGGATAGCTCAGATGCGCCAGCAGCAACTAGAGTCTGAACAGTTCCTGT  
TTTTTGAAGACCAACTCAAGAAGCAGGAGTTGGCCCGAGGCCAGATGCGAGGTCAGGACTCTCCAATGCT  
GTCTGAGCAGACTGACGGAAGTGCCTGTCTCTTTCCACCCACCAGACCACTCTCTGAGGAACGCA  
TTTGCAGATCACCTCATAAAAGTGATGGAAGCAATTCGCTAACTACTCTCTCTGTGAACAGGGCCC  
TAAAGCCAGCGGCCACCCTGAGTGTCTGTCAGAATTTGGTGGTTGAAGGGCTGAGGTGTGTAGTTTTATC  
AAGAGATCTTTGCCATAAATTTCTGCTGCTGGCTGACTTAACACAGTGAAGGAATAGAGACCTGTGGG  
ATCCTCTGTGAAAACCTGACACACAATGAATTCACCACTCATGTGGTTGTGCCAAAGCAGTCTGCTG  
GCCAGACTATTGCGATGTGGAGAACGTGAAGAATTATCAATGTTGAGGATCAACATGGTCTCCTCAC  
ACTGGGATGGATCCATACACACCCACGCAACCGCATTCTGTCCAGTGTGGATCTCCACACTCACTGC  
TCTACCAGCTTATGTTGCCAGAGGCCATTGCCATTGTGTGTTCCCAAAGCATAAAGACACCGGCATTT  
TCAGGCTACCAACGCTGGCATGCTTGAGGTTTCTACTTGTAAAAAGAAGGGCTTCCATCTCACACCAA  
GGACCCCAAGCTGTTTAGTATATGCAGCCATGTGTAGTAAAGGACATAAAAAACAACTGTGTTGGATCTG  
AGG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG206947 representing NM\_029682  
 Red=Cloning site Green=Tags(s)

MPDHTDVSLSPEERVRLSKLGCNISINEDITPRRYFRSGVEMERMASVYLEEGNLENAFVLYNKFITLF  
 VEKLPShRDYQQCAVPEKQDIMKKLKEIAFPRTDELKTDLRKYNI EYQEYLQSKNKYKAEILKKLEHQR  
 LIEAERQRIAQMRQQLESEQFLFFEDQLKKQELARGQMRGQDSPMLSEQTDGSALSCFSTHQSNL RNA  
 FADHPKSDGNSFANYSPVNRALKPAATLSAVQNLVVEGLRCVLSRDLCCHKFLLLADSN TVRGIETCG  
 ILCGKLTHNEFTITHVVPKQSAGPDYCDVENVEELFNVQDQHGLLTLGWIHHTPTQT AFLSSVDLHTHC  
 SYQLMPEAIAIVCSPKHKDTGIFRLTNAGMLEVSTCKKKGFHPHTKDPKLF SICS HVLVKDIKTTVLDL  
 R

TRTRPLE - GFP Tag - V

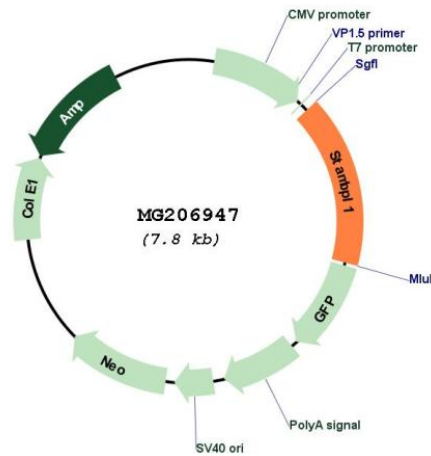
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

NM\_029682

<b>ORF Size:</b>	1308 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_029682.2</a>
<b>RefSeq Size:</b>	1978 bp
<b>RefSeq ORF:</b>	1311 bp
<b>Locus ID:</b>	76630
<b>UniProt ID:</b>	<a href="#">Q76N33</a>
<b>Cytogenetics:</b>	19 C1
<b>Gene Summary:</b>	Zinc metalloprotease that specifically cleaves 'Lys-63'-linked polyubiquitin chains. Does not cleave 'Lys-48'-linked polyubiquitin chains (By similarity).[UniProtKB/Swiss-Prot Function]