

Product datasheet for **MR206947**

Stambpl1 (NM_029682) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stambpl1 (NM_029682) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Stambpl1
Synonyms:	1700095N21Rik; 8230401J17Rik; ALMalpha; AMSH-FP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR206947 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTGACCATACAGATGTTTCTCTAAGTCCAGAGGAGCGGGTCCGCGCCCTAAGCAAACCTGGTTGTA
 ATATCTCCATTAATGAAGATATCACCCACGCCGTTACTTCAGGTCCGGAGTGGAATGGAAAGGATGGC
 ATCTGTGTATTTGGAAGAAGGAAACCTGGAAAATGCCTTTGTTCTTTATAACAAATTTATAACGTTATTT
 GTAGAAAACTTCCAGCCACCGAGATTACCAGCAGTGTGCAGTTCAGAGAAGCAGGATATTATGAAGA
 AACTGAAGGAGATTGCGTTCCTCAAGGACAGACGAATTGAAAACGGACCTGCTAAGGAAATATAACATAGA
 ATACCAAGAGTATTTGCAAAGTAAAAACAAATATAAAGCCGAAATTCAAAAAGTTGGAACATCAGAGA
 CTGATAGAGGCAGAGCGCCAGCGGATAGCTCAGATGCGCCAGCAGCAACTAGAGTCTGAACAGTTCCTGT
 TTTTTGAAGCAACTCAAGAAGCAGGAGTTGGCCCGAGGCCAGATGCGAGGTGAGGACTCTCCAATGCT
 GTCTGAGCAGACTGACGGAAGTGCCTGTCTGCTTTTCCACCCACCAGCAACTCTCTGAGGAACGCA
 TTTGCAGATCACCTCATAAAAGTGATGGAAGCAATTCGCTAACTACTCTCTCTGTGAACAGGGCCC
 TAAAGCCAGCGGCCACCCTGAGTGTCTGAGAAATTTGGTGGTTGAAGGGCTGAGGTGTGTAGTTTTATC
 AAGAGTCTTTGCCATAAATTTCTGCTGCTGGCTGACTCTAACACAGTGAGAGGAATAGAGACCTGTGGG
 ATCCTCTGTGGAAAACCTGACACACAATGAATTCACCATTACTCATGTGGTTGTGCCAAAGCAGTCTGCTG
 GCCCAGACTATTGCGATGTGGAGAACGTGGAAGAATTATCAATGTTGAGGATCAACATGGTCTCCTCAC
 ACTGGGATGGATCCATACACACCCACGCAAACGGCATTCTGTCCAGTGTGGATCTCCACACTCACTGC
 TCCTACCAGCTTATGTTGCCAGAGGCCATTGCCATTGTGTGTTCCCAAAGCATAAAGACACCGGCATT
 TCAGGCTCACCAACGCTGGCATGCTTGAGGTTTCTACTTGTA AAAAAGAAGGGCTTCATCCTCACACCAA
 GGACCCCAAGCTGTTTAGTATATGCAGCCATGTGTTAGTAAAGGACATAAAAAACAACTGTGTTGGATCTG
 AGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR206947 protein sequence
 Red=Cloning site Green=Tags(s)

MPDHTDVSLSPEERVRLSKLGCNISINEDITPRRYFRSGVEMERMASVYLEEGNLENAFVLYNKFITLF
 VEKLPShRDYQQCAVPEKQDIMKKLKEIAFPRTDELKTDLLRKYNIEYQEYLQSKNKYKAEILKKLEHQR
 LIEAERQRI AQMRQQLESEQLFFEDQLKKQELARGQMRGQDSPMLSEQTDGSALSCFSTHQSNL RNA
 FADHPKSDGNSFANYSPVNRALKPAATLSAVQNLVVEGLRCVLSRDLCCHKFLLLADSNTVRGIETCG
 ILCGKLTHNEFTITHVVVPKQSAGPDYCDVENVEELFNVQDQHGLLTLGWIHTHPTQT AFLSSVDLH THC
 SYQLMLPEAIAIVCSPKHKDTGIFRLTNAGMLEVSTCKKKGFHPHTKDPKLF SICS HVLVKDIKTTVLDL
 R

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_029682

ORF Size: 1266 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_029682.2](#)

RefSeq Size: 1978 bp

RefSeq ORF: 1311 bp

Locus ID: 76630

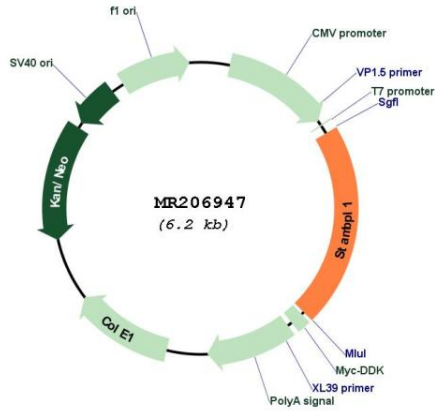
UniProt ID: [Q76N33](#)

Cytogenetics: 19 C1

MW: 48 kDa

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

Product images:



Circular map for MR206947