

## Product datasheet for **KN201884**

### STAMBPL1 Human Gene Knockout Kit (CRISPR)

#### Product data:

**Product Type:** Knockout Kits (CRISPR)  
**Format:** 2 gRNA vectors, 1 GFP-puro donor, 1 scramble control  
**Donor DNA:** GFP-puro  
**Symbol:** STAMBPL1  
**Locus ID:** 57559  
**Components:** **KN201884G1**, STAMBPL1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TTTACTGTGAATTCTCTGGT  
**KN201884G2**, STAMBPL1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: ACCAAATGTTAGATATCAGC  
**KN201884D**, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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AGAAGTAAGT TGGCCGCAGT GTTATCACTC ATGGTTATGG CAGCACTGCA TAATTCTCTT ACTGTCATGC
CATCCGTAAG ATGCTTTTCT GTGACTGGTG AGTACTCAAC CAAGTCATTC TGAGAATAGT GTATGCCGGC
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CAACATACGA GCCGGAAGCA TAAAGTGTA AGCCTGGGT GCCTAATGAG TGAGCTAACT CACATTAATT
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GCGCGGGGAG AGGCGGTTTG CGTATTGGC GCTCTTCGC TTCCTCGCTC ACTGACTCGC TCGCTCGGT
CGTTCGGCTG CGGCGAGCGG TATCAGCTCA CTCAAAGCG GTAATACGGT TATCCACAGA ATCAGGGGAT
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ATAGTTTTCG CAACGTTGTT GCCATTGCTA CAGGCATCGT GGTGTCACGC TCGCTGTTTGT GTATGGCTTC
ATTCAGCTCC GGTCCCAAC GATC

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**GE100003**, scramble sequence in pCas-Guide vector

**Disclaimer:**

These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.

**RefSeq:**

[NM\\_020799](#)

**UniProt ID:**

[Q96FJ0](#)

**Synonyms:**

ALMalpha; AMSH-FP; AMSH-LP; bA399O19.2

**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:

