

Product datasheet for **KN212496**

HSP90AA1 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: HSP90AA1
Locus ID: 3320
Components: **KN212496G1**, HSP90AA1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GAGCCGTCCCCGCCGAACA
KN212496G2, HSP90AA1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GCGCGGGTATTCAGCACTCT
KN212496D, 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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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_001017963](#), [NM_005348](#)

UniProt ID:

[P07900](#)

Synonyms:

EL52; HSP86; Hsp89; HSP89A; Hsp90; HSP90A; HSP90N; HSPC1; HSPCA; HSPCAL1; HSPCAL4; HSPN; LAP-2; LAP2

Summary:

The protein encoded by this gene is an inducible molecular chaperone that functions as a homodimer. The encoded protein aids in the proper folding of specific target proteins by use of an ATPase activity that is modulated by co-chaperones. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]

Product images:

