

Product datasheet for **KN210192**

ATOH1 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: ATOH1
Locus ID: 474
Components: **KN210192G1**, ATOH1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TGC~~GGG~~GAGATGATGCGGCTG
KN210192G2, ATOH1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CCTGCTGCATGCAGAAGAGT
KN210192D, 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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 GGGGATCATG TAACTCGCCT T

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_005172](#)

UniProt ID:

[Q92858](#)

Synonyms:

ATH1; bHLHa14; HATH1; MATH-1

Summary:

This protein belongs to the basic helix-loop-helix (BHLH) family of transcription factors. It activates E-box dependent transcription along with E47. [provided by RefSeq, Jul 2008]

Product images:

