

## **Product datasheet for KN210192LP**

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### **ATOH1 Human Gene Knockout Kit (CRISPR)**

**Product data:** 

**Product Type:** Knockout Kits (CRISPR)

**Format:** 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

**Donor DNA:** Luciferase-Puro

Symbol: ATOH1 Locus ID: 474

**Components: KN210192G1**, ATOH1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

**KN210192G2**, ATOH1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN210192LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

functional cassette.

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:** <u>NM 005172</u>

UniProt ID: Q92858

Synonyms: ATH1; bHLHa14; HATH1; MATH-1

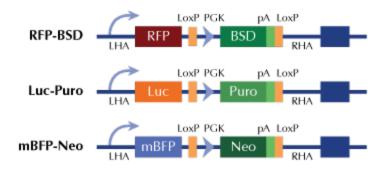
Summary: This protein belongs to the basic helix-loop-helix (BHLH) family of transcription factors. It

activates E-box dependent transcription along with E47. [provided by RefSeq, Jul 2008]



## **Product images:**

#### Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter