

Product datasheet for KN200314RB

HSF1 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

Donor DNA: HSF1 Symbol: 3297 Locus ID:

KN200314G1, HSF1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN200314G2, HSF1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN200314RBD, donor DNA containing left and right homologous arms and RFP-BSD

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: NM 005526

UniProt ID: Q00613 Synonyms: HSTF1

Summary: The product of this gene is a transcription factor that is rapidly induced after temperature

> stress and binds heat shock promoter elements (HSE). This protein plays a role in the regulation of lifespan. Expression of this gene is repressed by phosphorylation, which

promotes binding by heat shock protein 90. [provided by RefSeq, Jul 2017]



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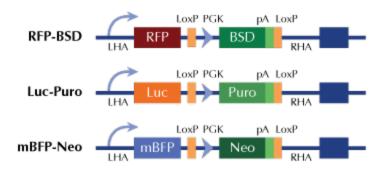
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Product images:

Donor Vector Edited Chromosome



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