

Product datasheet for KN210677LP

OriGene Technologies, Inc.

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ENAH 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: ENAH Locus ID: 55740

Components: KN210677G1, ENAH gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN210677G2, ENAH gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN210677LPD, 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 001008493</u>, <u>NM 018212</u>

UniProt ID: Q8N8S7

Synonyms: ENA; MENA; NDPP1

Summary: This gene encodes a member of the enabled/ vasodilator-stimulated phosphoprotein.

Members of this gene family are involved in actin-based motility. This protein is involved in

regulating the assembly of actin filaments and modulates cell adhesion and motility.

Alternate splice variants of this gene have been correlated with tumor invasiveness in certain tissues and these variants may serve as prognostic markers. A pseudogene of this gene is

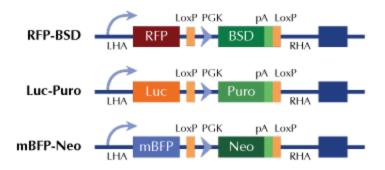
found on chromosome 3. [provided by RefSeq, Sep 2016]





Product images:

Donor Vector Edited Chromosome



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