

## Product datasheet for KN210677RB

## **ENAH 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: **ENAH** Symbol: Locus ID: 55740

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

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

KN210677RBD, donor DNA containing left and right homologous arms and RFP-BSD

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

NM 001008493, NM 018212 RefSeq:

**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]



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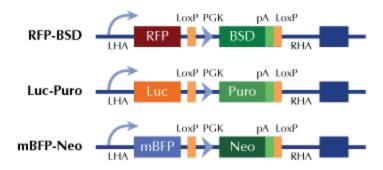
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# **Product images:**

### Donor Vector Edited Chromosome



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