

## Product datasheet for **KN224884LP**

### Nav1.7 (SCN9A) 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:	Nav1.7
Locus ID:	6335
Components:	<b>KN224884G1</b> , Nav1.7 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN224884G2</b> , Nav1.7 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN224884LPD</b> , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. <b>GE100003</b> , 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:	<a href="#">NM_002977</a> , <a href="#">NM_001365536</a>
UniProt ID:	<a href="#">Q15858</a>
Synonyms:	ETHA; FEB3B; GEFSP7; HSN2D; Nav1.7; NE-NA; NENA; PN1; SFNP
Summary:	This gene encodes a voltage-gated sodium channel which plays a significant role in nociception signaling. Mutations in this gene have been associated with primary erythralgia, channelopathy-associated insensitivity to pain, and paroxysmal extreme pain disorder. [provided by RefSeq, Aug 2009]



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## Product images:

