

Product datasheet for KN224884LP

Nav1.7 (SCN9A) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR) 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control Format: Donor DNA: Luciferase-Puro Nav1.7 Symbol: 6335 Locus ID: **KN224884G1**, Nav1.7 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **Components:** KN224884G2, Nav1.7 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN224884LPD, 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:** NM 002977, NM 001365536 **UniProt ID:** Q15858 Synonyms: ETHA; FEB3B; GEFSP7; HSAN2D; 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 erythermalgia, channelopathy-associated insensitivity to pain, and paroxysmal extreme pain disorder. [provided by RefSeq, Aug 2009]

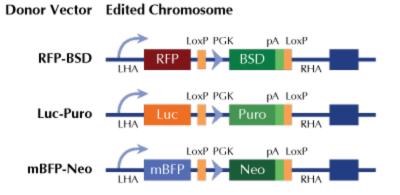
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9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product images:



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

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