

Product datasheet for KN207015BN

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NR2E1 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

Donor DNA: mBFP-Neo

Symbol: NR2E1 Locus ID: 7101

Components: KN207015G1, NR2E1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN207015G2, NR2E1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN207015BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: <u>NM 001286102</u>, <u>NM 003269</u>

UniProt ID: Q9Y466

Synonyms: TLL; TLX; XTLL

Summary: The protein encoded by this gene is an orphan receptor involved in retinal development. The

encoded protein also regulates adult neural stem cell proliferation and may be involved in control of aggressive behavior. Two transcript variants encoding different isoforms have been

found for this gene. [provided by RefSeq, Aug 2015]



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Product images:

Donor Vector Edited Chromosome



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