

Product datasheet for KN209744LP

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NUMB 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: NUMB Locus ID: 8650

Components: KN209744G1, NUMB gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN209744G2, NUMB gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN209744LPD, 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 001005743, NM 001005744, NM 001005745, NM 001320114, NM 003744

UniProt ID: <u>P49757</u>

Synonyms: C14orf41; c14_5527; S171

Summary: The protein encoded by this gene plays a role in the determination of cell fates during

development. The encoded protein, whose degradation is induced in a proteasomedependent manner by MDM2, is a membrane-bound protein that has been shown to associate with EPS15, LNX1, and NOTCH1. Alternative splicing results in multiple transcript

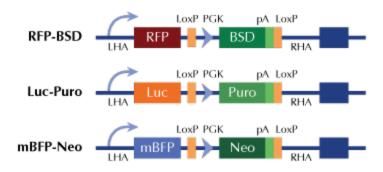
variants. [provided by RefSeq, Feb 2016]





Product images:

Donor Vector Edited Chromosome



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