

Product datasheet for KN215723LP

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INTS2 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: INTS2 Locus ID: 57508

Components: KN215723G1, INTS2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN215723G2, INTS2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN215723LPD, 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: <u>NM 001330417, NM 020748, NR 026641, NM 001351695</u>

UniProt ID: Q9H0H0

Synonyms: INT2; KIAA1287

Summary: INTS2 is a subunit of the Integrator complex, which associates with the C-terminal domain of

RNA polymerase II large subunit (POLR2A; MIM 180660) and mediates 3-prime end processing of small nuclear RNAs U1 (RNU1; MIM 180680) and U2 (RNU2; MIM 180690)

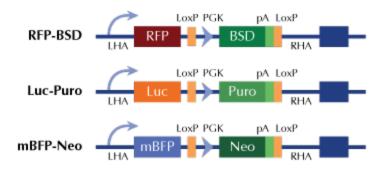
(Baillat et al., 2005 [PubMed 16239144]).[supplied by OMIM, Mar 2008]





Product images:

Donor Vector Edited Chromosome



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