

Product datasheet for KN232774LP

OriGene Technologies, Inc.

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B7 H6 (NCR3LG1) 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: B7 H6 **Locus ID:** 374383

Components: KN232774G1, B7 H6 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN232774G2, B7 H6 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN232774LPD, 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 001202439</u>, <u>NM 001009913</u>, <u>NR 026750</u>

UniProt ID: Q68D85

Synonyms: B7-H6; B7H6; DKFZp686O24166

Summary: B7H6 belongs to the B7 family (see MIM 605402) and is selectively expressed on tumor cells.

Interaction of B7H6 with NKp30 (NCR3; MIM 611550) results in natural killer (NK) cell

activation and cytotoxicity (Brandt et al., 2009 [PubMed 19528259]).[supplied by OMIM, Jan

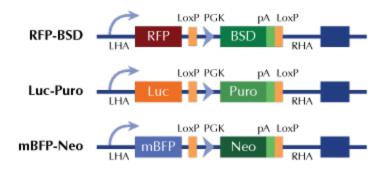
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Product images:

Donor Vector Edited Chromosome



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