

## Product datasheet for **KN232774**

### **B7 H6 (NCR3LG1) Human Gene Knockout Kit (CRISPR)**

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA:	GFP-puro
Symbol:	B7 H6
Locus ID:	374383
Components:	<b>KN232774G1</b> , B7 H6 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CGGCGCTCCTGATTCTGCTG <b>KN232774G2</b> , B7 H6 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TCAGCGCCCACAGCAGAATC <b>KN232774D</b> , donor DNA containing left and right homologous arms and GFP-puro functional cassette.

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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 CAGGCATCGT GGTGTCACGC TCGTCGTTG GTATGGCTTC ATTCAGCTCC GGTTCCTAAC GATC

**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\\_001202439](#), [NM\\_001009913](#), [NR\\_026750](#)

**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 2011]

Product images:

