

## Product datasheet for **KN201199BN**

### UBE2I 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:	UBE2I
Locus ID:	7329
Components:	<b>KN201199G1</b> , UBE2I gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN201199G2</b> , UBE2I gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN201199BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , 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\\_003345](#), [NM\\_194259](#), [NM\\_194260](#), [NM\\_194261](#)

**UniProt ID:** [P63279](#)

**Synonyms:** C358B7.1; P18; UBC9

**Summary:** The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. Four alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]



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Product images:

