

Product datasheet for KN201199BN

UBE2I Human Gene Knockout Kit (CRISPR)

Product data:

OriGene Technologies, Inc.

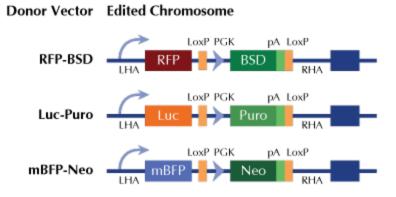
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Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	UBE2I
Locus ID:	7329
Components:	 KN201199G1, UBE2I gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN201199G2, UBE2I gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN201199BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. GE100003, scramble sequence in pCas-Guide vector
RefSeq:	<u>NM 003345, NM 194259, NM 194260, NM 194261</u>
UniProt ID:	<u>P63279</u>
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:



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

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