

## Product datasheet for **KN200240BN**

### UBE2C 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:	UBE2C
Locus ID:	11065
Components:	<b>KN200240G1</b> , UBE2C gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN200240G2</b> , UBE2C gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN200240BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
RefSeq:	<a href="#">NM_001281741</a> , <a href="#">NM_001281742</a> , <a href="#">NM_007019</a> , <a href="#">NM_181799</a> , <a href="#">NM_181800</a> , <a href="#">NM_181801</a> , <a href="#">NM_181802</a> , <a href="#">NM_181803</a> , <a href="#">NR_104036</a> , <a href="#">NR_104037</a>
UniProt ID:	<a href="#">Q00762</a>
Synonyms:	dj447F3.2; UBCH10
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, ubiquitin-conjugating enzymes, and ubiquitin-protein ligases. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein is required for the destruction of mitotic cyclins and for cell cycle progression, and may be involved in cancer progression. Multiple transcript variants encoding different isoforms have been found for this gene. Pseudogenes of this gene have been defined on chromosomes 4, 14, 15, 18, and 19. [provided by RefSeq, Aug 2013]



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## Product images:

