

Product datasheet for **KN318888BN**

Vhl Mouse 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:	Vhl
Locus ID:	22346
Components:	<p>KN318888G1, Vhl gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN318888G2, Vhl gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN318888BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	<u>NM_009507</u>
UniProt ID:	<u>P40338</u>
Synonyms:	Vhlh
Summary:	Involved in the ubiquitination and subsequent proteasomal degradation via the von Hippel-Lindau ubiquitination complex. Seems to act as a target recruitment subunit in the E3 ubiquitin ligase complex and recruits hydroxylated hypoxia-inducible factor (HIF) under normoxic conditions. Involved in transcriptional repression through interaction with HIF1A, HIF1AN and histone deacetylases. Ubiquitinates, in an oxygen-responsive manner, ADRB2 (By similarity).[UniProtKB/Swiss-Prot Function]



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Product images:

