

Product datasheet for **KN319361BN**

Wdr45 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:	Wdr45
Locus ID:	54636
Components:	KN319361G1 , Wdr45 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN319361G2 , Wdr45 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN319361BND , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. GE100003 , scramble sequence in pCas-Guide vector
RefSeq:	NM_001290792 , NM_001290794 , NM_001290795 , NM_172372
UniProt ID:	Q91VM3
Synonyms:	C79260; DXImx38e; JM5; Sfc19; Wdrx1; WIPI-4
Summary:	Component of the autophagy machinery that controls the major intracellular degradation process by which cytoplasmic materials are packaged into autophagosomes and delivered to lysosomes for degradation. Activated by the STK11/AMPK signaling pathway upon starvation, WDR45 is involved in autophagosome assembly downstream of WIPI2, regulating the size of forming autophagosomes. Probably recruited to membranes through its PtdIns3P activity. [UniProtKB/Swiss-Prot Function]



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Product images:

