

Product datasheet for **KN308785RB**

Kif26b Mouse Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	Kif26b
Locus ID:	269152
Components:	KN308785G1 , Kif26b gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN308785G2 , Kif26b gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN308785RBD , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. GE100003 , 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_001161665](#), [NM_177757](#)

UniProt ID: [Q7TNC6](#)

Synonyms: 4832420M10; BC056349; D230039L06Rik

Summary: Essential for embryonic kidney development. Plays an important role in the compact adhesion between mesenchymal cells adjacent to the ureteric buds, possibly by interacting with MYH10. This could lead to the establishment of the basolateral integrity of the mesenchyme and the polarized expression of ITGA8, which maintains the GDNF expression required for further ureteric bud attraction. Although it seems to lack ATPase activity it is constitutively associated with microtubules.[UniProtKB/Swiss-Prot Function]



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Product images:

