

Product datasheet for **KN301806RB**

Atp6ap2 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:	Atp6ap2
Locus ID:	70495
Components:	KN301806G1 , Atp6ap2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN301806G2 , Atp6ap2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN301806RBD , 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_027439](#)

UniProt ID: [Q9CYN9](#)

Synonyms: (P)RR; 5730403E06Rik; APT6M8-9; Atp6ip2; ATP6M8-9; M8-9; PRR

Summary: Functions as a renin and prorenin cellular receptor. May mediate renin-dependent cellular responses by activating ERK1 and ERK2. By increasing the catalytic efficiency of renin in AGT/angiotensinogen conversion to angiotensin I, it may also play a role in the renin-angiotensin system (RAS) (By similarity).[UniProtKB/Swiss-Prot Function]



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Product images:

