

## Product datasheet for **KN301808LP**

### Atp6v0a2 Mouse Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	Atp6v0a2
Locus ID:	21871
Components:	<b>KN301808G1</b> , Atp6v0a2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN301808G2</b> , Atp6v0a2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN301808LPD</b> , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. <b>GE100003</b> , 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:	<a href="#">NM_011596</a>
UniProt ID:	<a href="#">P15920</a>
Synonyms:	8430408C20Rik; AI385560; ATP6a2; Atp6n1d; Atp6n2; AW489264; C76904; ISF; J6B7; SHIF; Stv1; Tj6
Summary:	This gene encodes a subunit of vacuolar ATPase, a multimeric enzyme that localizes to intracellular vesicles and to the plasma membrane of specialized cells. The encoded protein is a component of the V(0) domain, which functions in proton translocation across membranes. Function of this gene is important in fetal-specific immune suppression during pregnancy. [provided by RefSeq, May 2013]



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## Product images:

