

## Product datasheet for **KN209471LP**

### ATPBD4 (DPH6) Human 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:	ATPBD4
Locus ID:	89978
Components:	<b>KN209471G1</b> , ATPBD4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN209471G2</b> , ATPBD4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN209471LPD</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_001141972</a> , <a href="#">NM_080650</a>
UniProt ID:	<a href="#">Q7L8W6</a>
Synonyms:	ATPBD4
Summary:	Amidase that catalyzes the last step of diphthamide biosynthesis using ammonium and ATP. Diphthamide biosynthesis consists in the conversion of an L-histidine residue in the translation elongation factor (EEF2) to diphthamide (By similarity).[UniProtKB/Swiss-Prot Function]



[View online »](#)

## Product images:

