

## Product datasheet for **KN215270LP**

### ATP13A2 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:	ATP13A2
Locus ID:	23400
Components:	<b>KN215270G1</b> , ATP13A2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN215270G2</b> , ATP13A2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN215270LPD</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_001141973</a> , <a href="#">NM_001141974</a> , <a href="#">NM_022089</a>
UniProt ID:	<a href="#">Q9NQ11</a>
Synonyms:	CLN12; HSA9947; KRPPD; PARK9
Summary:	This gene encodes a member of the P5 subfamily of ATPases which transports inorganic cations as well as other substrates. Mutations in this gene are associated with Kufor-Rakeb syndrome (KRS), also referred to as Parkinson disease 9. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Nov 2008]



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## Product images:

