

## Product datasheet for **KN210597LP**

### VPS35 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:	VPS35
Locus ID:	55737
Components:	<b>KN210597G1</b> , VPS35 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN210597G2</b> , VPS35 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN210597LPD</b> , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
RefSeq:	<a href="#">NM_018206</a>
UniProt ID:	<a href="#">Q96QK1</a>
Synonyms:	MEM3; PARK17
Summary:	This gene belongs to a group of vacuolar protein sorting (VPS) genes. The encoded protein is a component of a large multimeric complex, termed the retromer complex, involved in retrograde transport of proteins from endosomes to the trans-Golgi network. The close structural similarity between the yeast and human proteins that make up this complex suggests a similarity in function. Expression studies in yeast and mammalian cells indicate that this protein interacts directly with VPS35, which serves as the core of the retromer complex. [provided by RefSeq, Jul 2008]

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## Product images:

