

## Product datasheet for **KN206029LP**

### SLC20A2 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:	SLC20A2
Locus ID:	6575
Components:	<b>KN206029G1</b> , SLC20A2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN206029G2</b> , SLC20A2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN206029LPD</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_001257180</a> , <a href="#">NM_001257181</a> , <a href="#">NM_006749</a>
UniProt ID:	<a href="#">Q08357</a>
Synonyms:	GLVR-2; GLVR2; IBGC1; IBGC3; MLVAR; PIT-2; PIT2; Ram-1; RAM1
Summary:	This gene encodes a member of the inorganic phosphate transporter family. The encoded protein is a type 3 sodium-dependent phosphate symporter that plays an important role in phosphate homeostasis by mediating cellular phosphate uptake. The encoded protein also confers susceptibility to viral infection as a gamma-retroviral receptor. Mutations in this gene may play a role in familial idiopathic basal ganglia calcification. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Mar 2012]



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## Product images:

