

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:	KN206029G1 , SLC20A2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN206029G2 , SLC20A2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN206029LPD , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003 , 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: [NM_001257180](#), [NM_001257181](#), [NM_006749](#)

UniProt ID: [Q08357](#)

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:

