

Product datasheet for **KN209732LP**

ethanolamine kinase (ETNK1) 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:	ethanolamine kinase
Locus ID:	55500
Components:	KN209732G1 , ethanolamine kinase gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN209732G2 , ethanolamine kinase gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN209732LPD , 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_001039481 , NM_018638
UniProt ID:	Q9HBU6
Synonyms:	EKI; EK1; EK11; Nbla10396
Summary:	This gene encodes an ethanolamine kinase, which functions in the first committed step of the phosphatidylethanolamine synthesis pathway. This cytosolic enzyme is specific for ethanolamine and exhibits negligible kinase activity on choline. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]



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Product images:

