

Product datasheet for **KN208604BN**

HIF 2 alpha (EPAS1) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	HIF 2 alpha
Locus ID:	2034
Components:	KN208604G1 , HIF 2 alpha gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN208604G2 , HIF 2 alpha gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN208604BND , donor DNA containing left and right homologous arms and mBFP-Neo 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_001430
UniProt ID:	Q99814
Synonyms:	bHLHe73; ECT4; HIF2A; HLF; MOP2; PASD2
Summary:	This gene encodes a transcription factor involved in the induction of genes regulated by oxygen, which is induced as oxygen levels fall. The encoded protein contains a basic-helix-loop-helix domain protein dimerization domain as well as a domain found in proteins in signal transduction pathways which respond to oxygen levels. Mutations in this gene are associated with erythrocytosis familial type 4. [provided by RefSeq, Nov 2009]



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Product images:

