

Product datasheet for **KN210426RB**

NOX1 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	NOX1
Locus ID:	27035
Components:	KN210426G1 , NOX1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN210426G2 , NOX1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN210426RBD , donor DNA containing left and right homologous arms and RFP-BSD 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_001271815](#), [NM_007052](#), [NM_013954](#), [NM_013955](#)

UniProt ID: [Q9Y5S8](#)

Synonyms: GP91-2; MOX1; NOH-1; NOH1

Summary: This gene encodes a member of the NADPH oxidase family of enzymes responsible for the catalytic one-electron transfer of oxygen to generate superoxide or hydrogen peroxide. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2012]



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Product images:

