

Product datasheet for **KN211819LP**

iNOS (NOS2) 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:	iNOS
Locus ID:	4843
Components:	<p>KN211819G1, iNOS gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN211819G2, iNOS gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN211819LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_000625 , NM_153292
UniProt ID:	P35228
Synonyms:	HEP-NOS; INOS; NOS; NOS2A
Summary:	Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. This gene encodes a nitric oxide synthase which is expressed in liver and is inducible by a combination of lipopolysaccharide and certain cytokines. Three related pseudogenes are located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq, Jul 2008]



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Product images:

