

Product datasheet for **KN202889LP**

NQO2 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:	NQO2
Locus ID:	4835
Components:	<p>KN202889G1, NQO2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN202889G2, NQO2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN202889LPD, 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_000904 , NM_001290221 , NM_001290222 , NM_001318940
UniProt ID:	P16083
Synonyms:	DHQV; DIA6; NMOR2; QR2
Summary:	This gene encodes a member of the thioredoxin family of enzymes. It is a cytosolic and ubiquitously expressed flavoprotein that catalyzes the two-electron reduction of quinone substrates and uses dihydronicotinamide riboside as a reducing coenzyme. Mutations in this gene have been associated with neurodegenerative diseases and several cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]



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Product images:

