

Product datasheet for **KN201729BN**

PGD 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:	PGD
Locus ID:	5226
Components:	KN201729G1 , PGD gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN201729G2 , PGD gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN201729BND , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. GE100003 , scramble sequence in pCas-Guide vector
RefSeq:	NM_0013044451 , NM_0013044452 , NM_002631
UniProt ID:	P52209
Synonyms:	6PGD
Summary:	6-phosphogluconate dehydrogenase is the second dehydrogenase in the pentose phosphate shunt. Deficiency of this enzyme is generally asymptomatic, and the inheritance of this disorder is autosomal dominant. Hemolysis results from combined deficiency of 6-phosphogluconate dehydrogenase and 6-phosphogluconolactonase suggesting a synergism of the two enzymopathies. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2015]



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Product images:

