

Product datasheet for **KN204160BN**

Prostaglandin dehydrogenase 1 (HPGD) 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:	Prostaglandin dehydrogenase 1
Locus ID:	3248
Components:	<p>KN204160G1, Prostaglandin dehydrogenase 1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN204160G2, Prostaglandin dehydrogenase 1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN204160BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	<p>NM_000860, NM_001145816, NM_001256301, NM_001256305, NM_001256306, NM_001256307, NR_027332, NM_001363574</p>
UniProt ID:	P15428
Synonyms:	15-PGDH; PGDH; PGDH1; PHOAR1; SDR36C1
Summary:	<p>This gene encodes a member of the short-chain nonmetalloenzyme alcohol dehydrogenase protein family. The encoded enzyme is responsible for the metabolism of prostaglandins, which function in a variety of physiologic and cellular processes such as inflammation. Mutations in this gene result in primary autosomal recessive hypertrophic osteoarthropathy and cranioosteoarthropathy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]</p>



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Product images:

