

Product datasheet for **KN210928BN**

NRP2 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:	NRP2
Locus ID:	8828
Components:	<p>KN210928G1, NRP2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN210928G2, NRP2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN210928BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_003872 , NM_018534 , NM_201264 , NM_201266 , NM_201267 , NM_201279
UniProt ID:	O60462
Synonyms:	NP2; NPN2; PRO2714; VEGF165R2
Summary:	<p>This gene encodes a member of the neuropilin family of receptor proteins. The encoded transmembrane protein binds to SEMA3C protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C} and SEMA3F protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F}, and interacts with vascular endothelial growth factor (VEGF). This protein may play a role in cardiovascular development, axon guidance, and tumorigenesis. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]</p>



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Product images:

