

## Product datasheet for **KN208654BN**

### CD31 (PECAM1) 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:	CD31
Locus ID:	5175
Components:	<p><b>KN208654G1</b>, CD31 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN208654G2</b>, CD31 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN208654BND</b>, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p><b>GE100003</b>, scramble sequence in pCas-Guide vector</p>
Disclaimer:	<p>These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.</p>
RefSeq:	<u><a href="#">NM_000442</a></u>
UniProt ID:	<u><a href="#">P16284</a></u>
Synonyms:	CD31; CD31/EndoCAM; endoCAM; GPIIA; PECA1; PECAM-1
Summary:	<p>The protein encoded by this gene is found on the surface of platelets, monocytes, neutrophils, and some types of T-cells, and makes up a large portion of endothelial cell intercellular junctions. The encoded protein is a member of the immunoglobulin superfamily and is likely involved in leukocyte migration, angiogenesis, and integrin activation. [provided by RefSeq, May 2010]</p>



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## Product images:

