

Product datasheet for KN208654RB

CD31 (PECAM1) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR) Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control Donor DNA: **RFP-BSD** Symbol: CD31 Locus ID: 5175 KN208654G1, CD31 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **Components:** KN208654G2, CD31 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN208654RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette. GE100003, scramble sequence in pCas-Guide vector **Disclaimer:** 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. **RefSeq:** NM 000442 **UniProt ID:** P16284 Synonyms: CD31; CD31/EndoCAM; endoCAM; GPIIA; PECA1; PECAM-1 Summary: 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]

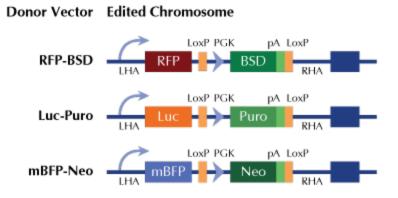


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Product images:



RFP, Luc, and mBFP will be under native gene promoter

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