

Product datasheet for KN208937LP

CD146 (MCAM) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR) 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control Format: Donor DNA: Luciferase-Puro CD146 Symbol: Locus ID: 4162 KN208937G1, CD146 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **Components:** KN208937G2, CD146 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN208937LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003, scramble sequence in pCas-Guide vector **RefSeq:** NM 006500 **UniProt ID:** P43121 Synonyms: CD146; MUC18 Summary: Plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissue. Its expression may allow melanoma cells to interact with cellular elements of the vascular system, thereby enhancing hematogeneous tumor spread. Could be an adhesion molecule active in neural crest cells during embryonic development. Acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2/FAK1, and a transient increase in the intracellular calcium concentration.[UniProtKB/Swiss-Prot Function]



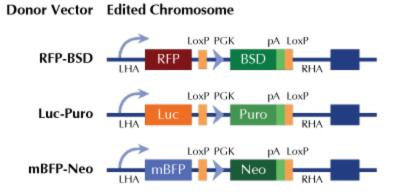
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Product images:



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

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