

## Product datasheet for **KN208937LP**

### CD146 (MCAM) Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	CD146
Locus ID:	4162
Components:	<b>KN208937G1</b> , CD146 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN208937G2</b> , CD146 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN208937LPD</b> , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
RefSeq:	<a href="#">NM_006500</a>
UniProt ID:	<a href="#">P43121</a>
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:

