

## Product datasheet for **KN309859BN**

### Mcam Mouse 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:	Mcam
Locus ID:	84004
Components:	<b>KN309859G1</b> , Mcam gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN309859G2</b> , Mcam gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN309859BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , 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:	<a href="#">NM_023061</a> , <a href="#">NM_001359530</a>
UniProt ID:	<a href="#">Q8R2Y2</a>
Synonyms:	1-gicerin; AV025631; CD146; CD149; Muc18; s-endo; s-gicerin
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 (By similarity).[UniProtKB/Swiss-Prot Function]



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## Product images:

