

Product datasheet for **KN203394**

CAB39L Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA:	GFP-puro
Symbol:	CAB39L
Locus ID:	81617
Components:	<p>KN203394G1, CAB39L gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AAATGGCCAAATTGTCTTTC</p> <p>KN203394G2, CAB39L gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AGGATTTTCACAATTTCTGC</p> <p>KN203394D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p>

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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AAGGCGAGTT ACATGATCCC CCATGTTGTG CAAAAAAGCG GTTAGCTCCT TCGGTCCTCC GATCGTTGTC
AGAAGTAAGT TGGCCGAGT GTTATCACTC ATGGTTATGG CAGCACTGCA TAATTCTCTT ACTGTCATGC
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 CGTCGTTTGG TATGGCTTCA TTCAGCTCCG GTTCCCAACG ATC

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_001031724](#), [NM_001079670](#), [NM_001287337](#), [NM_001287338](#), [NM_001287339](#), [NM_030925](#)

UniProt ID: [Q9H9S4](#)

Synonyms: antigen MLAA-34; bA103J18.3; calcium binding protein 39-like; FLJ12577; MO2L; MO2L, FLJ12577, bA103J18.3, RP11-103J18.3; MO25-BETA; OTTHUMP00000018410; RP11-103J18.3; sarcoma antigen NY-SAR-79; U937-associated antigen

Summary: Component of a complex that binds and activates STK11/LKB1. In the complex, required to stabilize the interaction between CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta) and STK11/LKB1 (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:

