

Product datasheet for KN208175RB

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MAVS 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-BSDSymbol:MAVSLocus ID:57506

Components: KN208175G1, MAVS gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN208175G2, MAVS gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN208175RBD, 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: <u>NM 001206491</u>, <u>NM 020746</u>, <u>NR 037921</u>, <u>NR 037922</u>

UniProt ID: Q7Z434

Synonyms: CARDIF; IPS-1; IPS1; VISA

Summary: This gene encodes an intermediary protein necessary in the virus-triggered beta interferon

signaling pathways. It is required for activation of transcription factors which regulate expression of beta interferon and contributes to antiviral innate immunity. [provided by

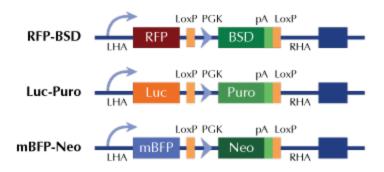
RefSeq, Jul 2020]





Product images:

Donor Vector Edited Chromosome



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