

Product datasheet for KN207916RB

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GAS 6 (GAS6) 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:GAS 6Locus ID:2621

Components: KN207916G1, GAS 6 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN207916G2, GAS 6 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN207916RBD, 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 000820, NM 001143945, NM 001143946</u>

UniProt ID: Q14393

Synonyms: AXLLG; AXSF

Summary: This gene encodes a gamma-carboxyglutamic acid (Gla)-containing protein thought to be

involved in the stimulation of cell proliferation. This gene is frequently overexpressed in many cancers and has been implicated as an adverse prognostic marker. Elevated protein

levels are additionally associated with a variety of disease states, including venous thromboembolic disease, systemic lupus erythematosus, chronic renal failure, and

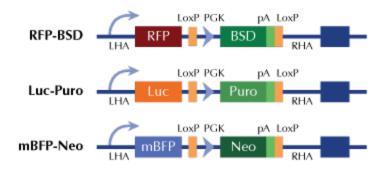
preeclampsia. [provided by RefSeq, Aug 2014]





Product images:

Donor Vector Edited Chromosome



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