

Product datasheet for **KN207916**

GAS 6 (GAS6) 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: GAS 6
Locus ID: 2621
Components: **KN207916G1**, GAS 6 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: ATGGCCCCCTTCGCTCTCGCC
KN207916G2, GAS 6 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CTGGCCGCGGAGTGCGCGCT
KN207916D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

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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GCTTTTTTGC ACAACATGGG GGATCATGTA ACTCGCCTT

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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_000820](#), [NM_001143945](#), [NM_001143946](#)

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:

