

Product datasheet for KN224804LP

OriGene Technologies, Inc.

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GAS1 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

Donor DNA: Luciferase-Puro

Symbol: GAS1 Locus ID: 2619

Components: KN224804G1, GAS1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN224804G2, GAS1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN224804LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

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 002048</u>

UniProt ID: P54826

Synonyms: growth arrest-specific 1; Growth arrest-specific gene-1; OTTHUMP00000021599

Summary: Growth arrest-specific 1 plays a role in growth suppression. GAS1 blocks entry to S phase and

prevents cycling of normal and transformed cells. Gas1 is a putative tumor suppressor gene.

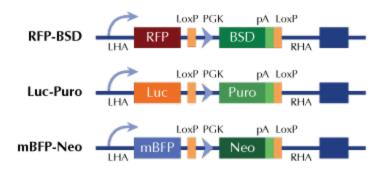
[provided by RefSeq, Jul 2008]





Product images:

Donor Vector Edited Chromosome



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