

Product datasheet for **KN208809**

ARRDC3 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: ARRDC3
Locus ID: 57561
Components: **KN208809G1**, ARRDC3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TATCCCCACTAGAATACACA
KN208809G2, ARRDC3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TGGACTGAATCTAGAAACGC
KN208809D, 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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AGAAGTAAGT TGGCCGAGT GTTATCACTC ATGGTTATGG CAGCACTGCA TAATTCTCTT ACTGTCATGC
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 TACAGGCATC GTGGTGTAC GCTCGTCGTT TGGTATGGCT TCATTCAGCT CCGGTTCCCA ACGATC

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_001329670](#), [NM_001329671](#), [NM_001329672](#), [NM_020801](#), [NR_138071](#), [NR_138072](#)

UniProt ID:

[Q96B67](#)

Synonyms:

TLIMP

Summary:

This gene encodes a member of the arrestin family of proteins, which regulate G protein-mediated signaling. The encoded protein is thought to act as a regulator of breast cancer growth and progression by binding to a phosphorylated form of integrin beta4, a tumor-related antigen, targeting the integrin for internalization and degradation. [provided by RefSeq, Jul 2016]

Product images:

