

Product datasheet for **KN208665**

AP2 gamma (TFAP2C) 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: AP2 gamma
Locus ID: 7022
Components: **KN208665G1**, AP2 gamma gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CGATAATGTCAAGTACGAAG
KN208665G2, AP2 gamma gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CCTCCCGACTGTCCTCGGC
KN208665D, 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

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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_003222](#)

UniProt ID:

[Q92754](#)

Synonyms:

AP2-GAMMA; ERF1; hAP-2g; TFAP2G

Summary:

The protein encoded by this gene is a sequence-specific DNA-binding transcription factor involved in the activation of several developmental genes. The encoded protein can act as either a homodimer or heterodimer with other family members and is induced during retinoic acid-mediated differentiation. It plays a role in the development of the eyes, face, body wall, limbs, and neural tube. [provided by RefSeq, Jul 2008]

Product images:

