

Product datasheet for **KN218078RB**

Argonaute 2 (AGO2) 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-BSD

Symbol: Argonaute 2

Locus ID: 27161

Components: **KN218078G1**, Argonaute 2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)
KN218078G2, Argonaute 2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)
KN218078RBD, 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: [NM_001164623](#), [NM_012154](#)

UniProt ID: [Q9UKV8](#)

Synonyms: EIF2C2; Q10

Summary: This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, and contains a PAZ domain and a PIWI domain. It may interact with dicer1 and play a role in short-interfering-RNA-mediated gene silencing. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]



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Product images:
