

Product datasheet for KN201403BN

ABCF3 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

Donor DNA: mBFP-Neo

Symbol: ABCF3 Locus ID: 55324

Components: KN201403G1, ABCF3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN201403G2, ABCF3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN201403BND, donor DNA containing left and right homologous arms and mBFP-Neo

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 018358, NM 001351298, NM 001351299, NM 001351300</u>

UniProt ID: Q9NUQ8
Synonyms: EST201864

Summary: This gene encodes a member of the ATP-binding cassette (ABC) transporter superfamily. ATP-

binding cassette proteins transport various molecules across extra- and intracellular membranes. The protein encoded by this gene displays antiviral effect against flaviviruses. Alternatively spliced transcript variants encoding different isoforms have been found for this

gene. [provided by RefSeq, May 2017]



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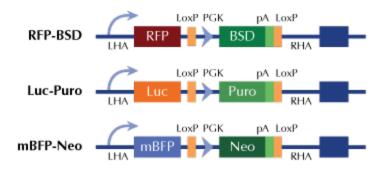
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Product images:

Donor Vector Edited Chromosome



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