

Product datasheet for KN200996RB

PTDSS2 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 PTDSS2 Symbol: Locus ID: 81490

KN200996G1, PTDSS2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN200996G2, PTDSS2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN200996RBD, 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 001329544, NM 001329545, NM 001329548, NM 030783, NR 138046

UniProt ID: O9BVG9 Synonyms: PSS2

Summary: The protein encoded by this gene catalyzes the conversion of phosphatidylethanolamine to

> phosphatidylserine, a structural membrane phospholipid that functions in cell signaling, blood coagulation, and apoptosis. The encoded enzyme also has a high affinity for docosahexaenoic acid (DHA) and can use it to make DHA-containing phosphatidylserine.

[provided by RefSeq, Jul 2016]



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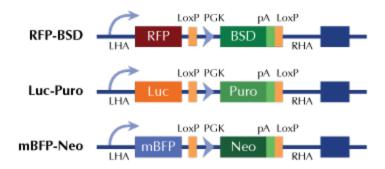
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Product images:

Donor Vector Edited Chromosome



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