

Product datasheet for KN208614BN

GPAT4 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

GPAT4 Symbol:

Locus ID: 137964

KN208614G1, GPAT4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN208614G2, GPAT4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN208614BND, 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: NM 178819, NM 001363197, NM 001363198

UniProt ID: Q86UL3

Synonyms: 1-AGPAT 6; AGPAT6; LPAAT-zeta; LPAATZ; TSARG7

Summary: Lysophosphatidic acid acyltransferases (EC 2.3.1.51) catalyze the conversion of

lysophosphatidic acid (LPA) to phosphatidic acid (PA). LPA and PA are involved in signal

transduction and lipid biosynthesis.[supplied by OMIM, Apr 2004]



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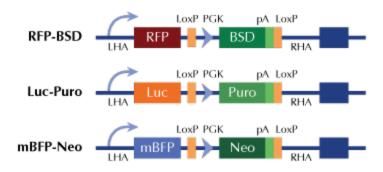
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Product images:

Donor Vector Edited Chromosome



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