

## Product datasheet for **KN208614RB**

### GPAT4 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:	GPAT4
Locus ID:	137964
Components:	<b>KN208614G1</b> , GPAT4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN208614G2</b> , GPAT4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN208614RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. <b>GE100003</b> , 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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## Product images:

