

## 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
Symbol:	PTDSS2
Locus ID:	81490
Components:	<b>KN200996G1</b> , PTDSS2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN200996G2</b> , PTDSS2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN200996RBD</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\\_001329544](#), [NM\\_001329545](#), [NM\\_001329548](#), [NM\\_030783](#), [NR\\_138046](#)

**UniProt ID:** [Q9BVG9](#)

**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]



[View online »](#)

Product images:

