

Product datasheet for KN202004RB

Product datasileet for kinzuzuu4kb

PMM1 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-BSDSymbol:PMM1Locus ID:5372

Components: KN202004G1, PMM1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN202004G2, PMM1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN202004RBD, 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: <u>NM 002676</u>

UniProt ID: Q92871

Synonyms: Sec53

Summary: Phosphomannomutase catalyzes the conversion between D-mannose 6-phosphate and D-

mannose 1-phosphate which is a substrate for GDP-mannose synthesis. GDP-mannose is

used for synthesis of dolichol-phosphate-mannose, which is essential for N-linked

glycosylation and thus the secretion of several glycoproteins as well as for the synthesis of glycosyl-phosphatidyl-inositol (GPI) anchored proteins. [provided by RefSeq, Jul 2008]



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

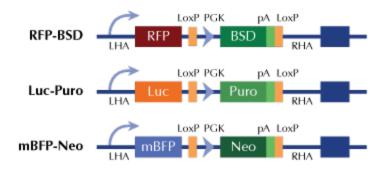
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Product images:

Donor Vector Edited Chromosome



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