

## Product datasheet for **KN206112BN**

### PLPP6 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
Symbol:	PLPP6
Locus ID:	403313
Components:	<p><b>KN206112G1</b>, PLPP6 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN206112G2</b>, PLPP6 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN206112BND</b>, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p><b>GE100003</b>, scramble sequence in pCas-Guide vector</p>
RefSeq:	<a href="#">NM_203453</a>
UniProt ID:	<a href="#">Q8IY26</a>
Synonyms:	bA6J24.6; PDP1; PPAPDC2; PSDP
Summary:	Phosphatase that dephosphorylates presqualene diphosphate (PSDP) into presqualene monophosphate (PSMP), suggesting that it may be indirectly involved in innate immunity. PSDP is a bioactive lipid that rapidly remodels to presqualene monophosphate PSMP upon cell activation. Displays diphosphate phosphatase activity with a substrate preference for PSDP > FDP > phosphatidic acid.[UniProtKB/Swiss-Prot Function]



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## Product images:

