

Product datasheet for KN206112BN

Troduct dutasifect for Mitzoof 1251

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: KN206112G1, PLPP6 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN206112G2, PLPP6 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN206112BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: <u>NM 203453</u>

UniProt ID: Q8IY26

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:

Donor Vector Edited Chromosome



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