

Product datasheet for KN216905LP

OriGene Technologies, Inc.

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MYO18A Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

Donor DNA: Luciferase-Puro

Symbol: MYO18A Locus ID: 399687

Components: KN216905G1, MYO18A gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN216905G2, MYO18A gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN216905LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

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: NM 078471, NM 203318, NM 001346765, NM 001346766, NM 001346767, NM 001346768

UniProt ID: Q92614

Synonyms: MYSPDZ; SPR210

Summary: The protein encoded by this gene can bind GOLPH3, linking the Golgi to the cytoskeleton and

influencing Golgi membrane trafficking. The encoded protein is also part of a complex that assembles lamellar actomyosin bundles and may be required for cell migration. [provided by

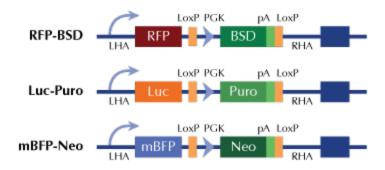
RefSeq, Oct 2016]





Product images:

Donor Vector Edited Chromosome



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