

## Product datasheet for **KN216905RB**

### MYO18A 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:	MYO18A
Locus ID:	399687
Components:	<b>KN216905G1</b> , MYO18A gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN216905G2</b> , MYO18A gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN216905RBD</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:	<a href="#">NM_078471</a> , <a href="#">NM_203318</a> , <a href="#">NM_001346765</a> , <a href="#">NM_001346766</a> , <a href="#">NM_001346767</a> , <a href="#">NM_001346768</a>
UniProt ID:	<a href="#">Q92614</a>
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]



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## Product images:

