

Product datasheet for KN205505BN

RAB18 Human Gene Knockout Kit (CRISPR)

Product data:

OriGene Technologies, Inc.

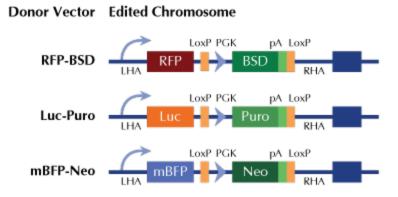
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Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	RAB18
Locus ID:	22931
Components:	 KN205505G1, RAB18 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN205505G2, RAB18 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN205505BND, donor DNA containing left and right homologous arms and mBFP-Neo 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 001256410, NM 001256411, NM 001256412, NM 001256415, NM 021252, NR 046172, NS 056901</u>
UniProt ID:	<u>Q9NP72</u>
Synonyms:	RAB18LI1; WARBM3
Summary:	The protein encoded by this gene is a member of a family of Ras-related small GTPases that regulate membrane trafficking in organelles and transport vesicles. Knockdown studies is zebrafish suggest that this protein may have a role in eye and brain development. Mutations in this gene are associated with Warburg micro syndrome type 3. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]



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Product images:



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

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