

Product datasheet for **KN211749RB**

COG3 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:	COG3
Locus ID:	83548
Components:	<p>KN211749G1, COG3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN211749G2, COG3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN211749RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
Disclaimer:	<p>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.</p>
RefSeq:	<u>NM_001204476</u> , <u>NM_031431</u>
UniProt ID:	<u>Q96JB2</u>
Synonyms:	SEC34
Summary:	<p>This gene encodes a component of the conserved oligomeric Golgi (COG) complex which is composed of eight different subunits and is required for normal Golgi morphology and localization. Defects in the COG complex result in multiple deficiencies in protein glycosylation. The protein encoded by this gene is involved in ER-Golgi transport.[provided by RefSeq, Jun 2011]</p>



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Product images:

