

Product datasheet for KN211749BN

COG3 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

COG3 Symbol: Locus ID: 83548

KN211749G1, COG3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN211749G2, COG3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN211749BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: NM 001204476, NM 031431

UniProt ID: Q96|B2 Synonyms: SEC34

Summary: 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]



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Product images:

Donor Vector Edited Chromosome



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