

Product datasheet for KN201671RB

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CSN1 (GPS1) 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: CSN1
Locus ID: 2873

Components: KN201671G1, CSN1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN201671G2, CSN1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN201671RBD, donor DNA containing left and right homologous arms and RFP-BSD

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 001321089, NM 001321090, NM 001321091, NM 001321092, NM 001321093,

NM 001330539, NM 001330541, NM 004127, NM 212492

UniProt ID: Q13098

Synonyms: COPS1; CSN1; SGN1

Summary: This gene is known to suppress G-protein and mitogen-activated signal transduction in

mammalian cells. The encoded protein shares significant similarity with Arabidopsis FUS6, which is a regulator of light-mediated signal transduction in plant cells. [provided by RefSeq,

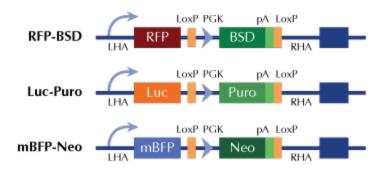
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Product images:

Donor Vector Edited Chromosome



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