

Product datasheet for KN203492RB

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

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

CCN1 (CYR61) 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: Symbol: CCN1 Locus ID: 3491

KN203492G1, CCN1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN203492G2, CCN1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN203492RBD, 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 001554 **UniProt ID:**

Synonyms: CCN1; GIG1; IGFBP10

000622

Summary: The secreted protein encoded by this gene is growth factor-inducible and promotes the

adhesion of endothelial cells. The encoded protein interacts with several integrins and with

heparan sulfate proteoglycan. This protein also plays a role in cell proliferation,

differentiation, angiogenesis, apoptosis, and extracellular matrix formation. [provided by

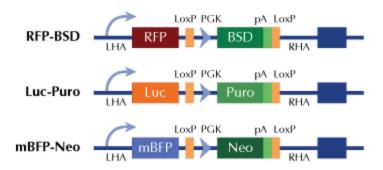
RefSeq, Sep 2011]





Product images:

Donor Vector Edited Chromosome



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