

Product datasheet for KN201429RB

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

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

techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

SGTA 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-BSDSymbol:SGTALocus ID:6449

Components: KN201429G1, SGTA gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN201429G2, SGTA gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN201429RBD, 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: <u>NM 003021</u>

UniProt ID: <u>043765</u>

Synonyms: alphaSGT; hSGT; SGT

Summary: This gene encodes a protein which is capable of interacting with the major nonstructural

protein of parvovirus H-1 and 70-kDa heat shock cognate protein; however, its function is not known. Since this transcript is expressed ubiquitously in various tissues, this protein may

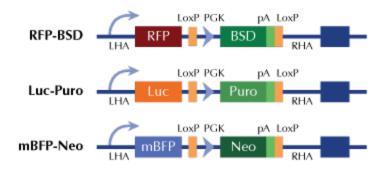
serve a housekeeping function. [provided by RefSeq, Jul 2008]





Product images:

Donor Vector Edited Chromosome



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