

Product datasheet for KN206314RB

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

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

SULT4A1 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: SULT4A1 Locus ID: 25830

Components: KN206314G1, SULT4A1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN206314G2, SULT4A1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN206314RBD**, 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 014351</u>, <u>NM 176874</u>

UniProt ID: Q9BR01

Synonyms: BR-STL-1; BRSTL1; DJ388M5.3; hBR-STL-1; NST; SULTX3

Summary: This gene encodes a member of the sulfotransferase family. The encoded protein is a brain-

specific sulfotransferase believed to be involved in the metabolism of neurotransmitters. Polymorphisms in this gene may be associated with susceptibility to schizophrenia. [provided

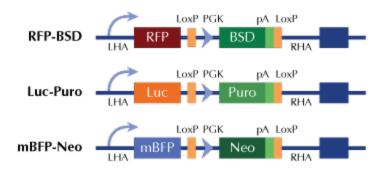
by RefSeq, Jul 2008]





Product images:

Donor Vector Edited Chromosome



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