

Product datasheet for KN201826RB

GOT2 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: GOT2 Symbol: 2806 Locus ID:

KN201826G1, GOT2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN201826G2, GOT2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN201826RBD, donor DNA containing left and right homologous arms and RFP-BSD

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: NM 001286220, NM 002080

UniProt ID: P00505

Synonyms: KAT4; KATIV; mitAAT

Summary: Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists

> in cytoplasmic and inner-membrane mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology. Two transcript variants encoding

different isoforms have been found for this gene. [provided by RefSeq, Oct 2013]



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Product images:

Donor Vector Edited Chromosome



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