

Product datasheet for KN206024BN

Product datasneet for kin200024biv

MTAP Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

Donor DNA: mBFP-Neo

Symbol: MTAP Locus ID: 4507

Components: KN206024G1, MTAP gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN206024G2, MTAP gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN206024BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: <u>NM 002451</u>

UniProt ID: Q13126

Synonyms: BDMF; c86fus; DMSFH; DMSMFH; HEL-249; LGMBF; MSAP

Summary: This gene encodes an enzyme that plays a major role in polyamine metabolism and is

important for the salvage of both adenine and methionine. The encoded enzyme is deficient in many cancers because this gene and the tumor suppressor p16 gene are co-deleted. Multiple alternatively spliced transcript variants have been described for this gene, but their

full-length natures remain unknown. [provided by RefSeq, Jul 2008]



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

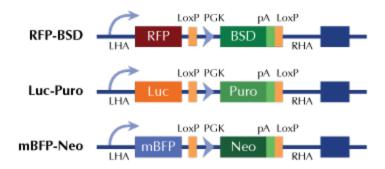
CN: techsupport@origene.cn

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



Product images:

Donor Vector Edited Chromosome



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