

## Product datasheet for **KN206024BN**

### 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:	<p><b>KN206024G1</b>, MTAP gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN206024G2</b>, MTAP gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN206024BND</b>, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p><b>GE100003</b>, scramble sequence in pCas-Guide vector</p>
RefSeq:	<a href="#">NM_002451</a>
UniProt ID:	<a href="#">Q13126</a>
Synonyms:	BDMF; c86fus; DMSFH; DMSMFH; HEL-249; LGMBF; MSAP
Summary:	<p>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]</p>



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## Product images:

