

Product datasheet for **RC206529L2V**

ALKBH1 (NM_006020) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ALKBH1 (NM_006020) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ALKBH1
Synonyms:	ABH; ABH1; alkB; ALKBH; hABH
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006020
ORF Size:	1167 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206529).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_006020.2 , NP_006011.2
RefSeq Size:	2585 bp
RefSeq ORF:	1170 bp
Locus ID:	8846
UniProt ID:	Q13686
Cytogenetics:	14q24.3
Domains:	2OG-Fell_Oxy
MW:	43.9 kDa



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Gene Summary:

This gene encodes a homolog to the E. coli alkB gene product. The E. coli alkB protein is part of the adaptive response mechanism of DNA alkylation damage repair. It is involved in damage reversal by oxidative demethylation of 1-methyladenine and 3-methylcytosine. [provided by RefSeq, Jul 2008]