

ALKBH3 Knockout cell line (HCT 116)

Catalog Number: KO06274

Product Information	
Product Name	ALKBH3 Knockout cell line (HCT 116)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:2~1:4
species	Human
Gene	ALKBH3
Gene ID	221120
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%McCoy's 5A+10% FBS
Parental Cell Line	HCT 116
Quality Control	Genotype: ALKBH3 Knockout cell line (HCT 116) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses, mycoplasma and other toxins.

Gene Information	
Gene Official Full Name	alkB homolog 3, alpha-ketoglutarate dependent dioxygenase provided by HGNC
Also known as	ABH3; PCA1; DEPC1; hABH3; DEPC-1
Gene Description	The Escherichia coli AlkB protein protects against the cytotoxicity of methylating agents by repair of the specific DNA lesions generated in single-stranded DNA. ALKBH2 (MIM 610602) and ALKBH3 are E. coli AlkB homologs that catalyze the removal of 1-methyladenine and 3-methylcytosine (Duncan et al., 2002 [PubMed 12486230]).[supplied by OMIM, Mar 2008]
Expression	Ubiquitous expression in testis (RPKM 6.9), prostate (RPKM 6.8) and 25 other tissues See more