

Product datasheet for **AR09956PU-N**

ALKBH2 / ABH2 (1-261, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ALKBH2 / ABH2 (1-261, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MDRFLVKGAQ GLLLRKQEEQ EPTGEEPAVL GGDKESTRKR PRREAPGNNGG HSAGPSWRHI RAEGLDCSYT VLFKAEADE IFQELEKEVE YFTGALARVQ VFGKWHVPR KQATYGDAGL TYFSGLTLS PKPWIPVLER IRDHVSGVTG QTFNFVLINR YKDGCDHIGE HRDDERELAP GSPIASVSFG ACRDFVFRHK DSRGKSPSRR VAVVRLPLAH GSLLMMNHPT NTHWYHSLPV RKKVLAPRVN LTFRKILLTK K
Tag:	His-tag
Predicted MW:	31.4 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 30% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ALKBH2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001001655</u>
Locus ID:	121642
UniProt ID:	<u>Q6NS38</u>
Cytogenetics:	12q24.11
Synonyms:	ABH2



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Summary:

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 and ALKBH3 (MIM 610603) 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]

Protein Families:

Druggable Genome

Product images: