

Datasheet for ABIN667398

**ALKBH3 Protein (AA 1-286) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	ALKBH3
Protein Characteristics:	AA 1-286
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALKBH3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Characteristics:	ALKBH3, 1-286aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

## Target Details

Target:	ALKBH3
Alternative Name:	ALKBH3 ( <a href="#">ALKBH3 Products</a> )
Background:	ALKBH3 is a member of the ALKB family of proteins and functions as a dioxygenase with a preference for RNA and single stranded DNA substrates. This protein repairs 1-methyladenine and 3-methylcytosine lesions in alkylated DNA and RNA and its activity is stimulated by ascorbate. ALKBH3 is expressed in a wide variety of tissues and localizes to the cytoplasm and the nucleus. Recombinant human ALKBH3 protein, fused to His-tag at N-terminus, was

## Target Details

expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Alpha-ketoglutarate-dependent dioxygenase alkB homolog 3, ABH3, DEPC-1, DEPC1, PCA1.  
NCBI no.: NP\_631917

Molecular Weight: 37.9 kDa (325aa), confirmed by MALDI-TOF

Pathways: [DNA Damage Repair](#)

## Application Details

Restrictions: For Research Use only

## Handling

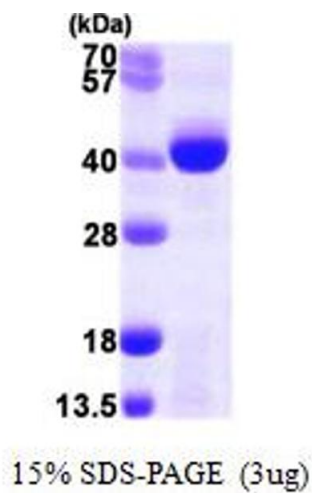
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.

Storage: 4 °C

## Images



### SDS-PAGE

Image 1.