

Product datasheet

Recombinant Human ALKBH5 protein (Tagged)
ab271361

2 Images

Description

Product name	Recombinant Human ALKBH5 protein (Tagged)
Purity	>= 90 % SDS-PAGE. Affinity purified.
Expression system	Sf9 cells
Accession	Q6P6C2
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	PERSDYEEQQLQKEEEARKVKSGIRQMRLFSQDECAKIE ARIDEVVSRAE KGLYNEHTVDRAPLRNKYFFGEGYTYGAQLQKRGPQGER LYPPGDVDEIP EWWHQLVIQKLVEHRVIEPEGFVNSAVINDYQPGGCIVSHVD PIHIFERPI VSVSFFSDSALCFGCKFQFKPIRVSEPVLSLPVRRGSVTV LSGYAADEIT HCIRPQDIKERRAVIILRKTRLDAPRL
Predicted molecular weight	27 kDa including tags
Amino acids	66 to 292
Tags	DDDDK tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab271361** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage

Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.63% Tris HCl, 0.64% Sodium chloride, 0.02% Potassium chloride, 20% Glycerol (glycerin, glycerine), 0.05% (R*,R*)-1,4-Dimercaptobutan-2,3-diol

100 ug/ml DDDDK peptide

General Info

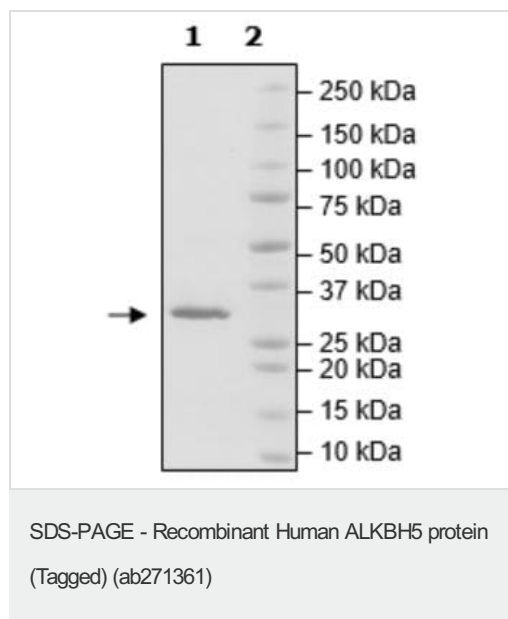
Relevance

Dioxygenase that demethylates RNA by oxidative demethylation: specifically demethylates N(6)-methyladenosine (m6A) RNA, the most prevalent internal modification of messenger RNA (mRNA) in higher eukaryotes. Requires molecular oxygen, alpha-ketoglutarate and iron. Demethylation of m6A mRNA affects mRNA processing and export and is required for spermatogenesis.

Cellular localization

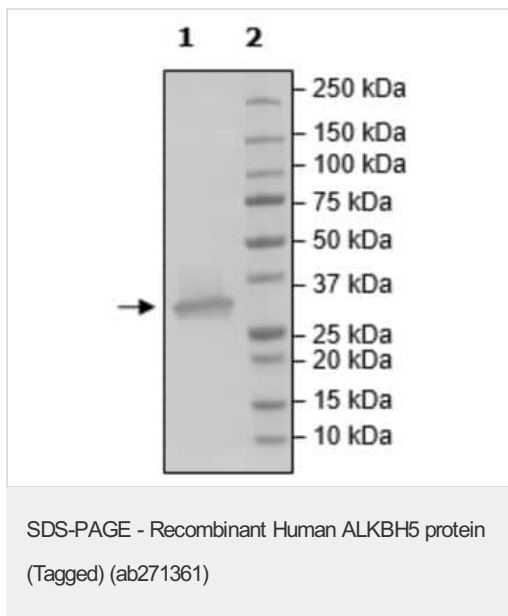
Nucleus speckle

Images



SDS analysis of ab271361.

SDS analysis of ab271361 using DDDDK tag antibody.



Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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