

Product datasheet for **TP326527M**

ABH2 (ALKBH2) (NM_001145375) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human alkB, alkylation repair homolog 2 (E. coli) (ALKBH2), transcript variant 3, 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC226527 protein sequence
Red=Cloning site **Green**=Tags(s)

MDRFLVKGAQGGLLRKQEEQEPTGEEPAVLGGDKESTRKRPRREAPNGGGHSAGPSWRHIRAEGLDCSYT
VLFGKAEADEIFQELEKEVEYFTGALARVQVFGKWHVPRKQATYGDAGLTYTFSGLTLSPKPWIPVLER
IRDHVSGVTGQTFNFVLINRYKDGCDHIGEHRDDERELAPGSPIASVSFGACRDFVFRHKDSRGKSPSRR
VAVVRLPLAHGSLMMNHPTNTHWYHSLPVRKKVLAPRVNLTFRKILLTKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 29.1 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_001138847](#)
Locus ID: 121642



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UniProt ID: [Q6NS38](#)

RefSeq Size: 953

Cytogenetics: 12q24.11

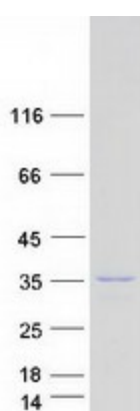
RefSeq ORF: 783

Synonyms: ABH2

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:



Coomassie blue staining of purified ALKBH2 protein (Cat# [TP326527]). The protein was produced from HEK293T cells transfected with ALKBH2 cDNA clone (Cat# [RC226527]) using MegaTran 2.0 (Cat# [TT210002]).