

Datasheet for ABIN7548858
KDM4E Protein (AA 1-506) (His tag)



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Overview

Quantity:	1 mg
Target:	KDM4E
Protein Characteristics:	AA 1-506
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KDM4E protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant KDM4E Protein expressed in mammalian cells.
Sequence:	<p>MKSVHSSPQN TSHTIMTFYP TMEEFADFNT YVAYMESQGA HQAGLAKVIP PKEWKARQMY DDIEDILIAT PLQQVTSGQG GVFTQYHKKK KAMRVGQYRR LANSKKYQTP PHQNFADLEQ RYWKSHPGNP PIYGADISGS LFEESTKQWN LGHLGTILDLEQECGVVIE GVNTPYLYFG MWKTTFAWHT EDMDLYSINY LHFGEPKTWY VVPEHGQHL ERLARELFPD ISRGCEAFRL HKVALISPTV LKENGIPFNC MTQEAGEFMV TFPYGYHAGF NHGFNCAEAI NFATPRWIDY GKMASQCSCG ESTVTFSMDP FVRIVQPESY ELWKHRQDLA IVEHTEPRVA ESQELSNWRD DIVLRRRAALG LRLLPNLTAQ CPTQPVSSGH CYNPKGCGTD AVPGSAFQSS AYHTQTQSLT LGMSARVLLP STGSWGSGRG RGRGQGQGRG CSRGRGHGCC TRELGTTEPT VQPASKRRL MGTRSRAQGH RPQLPLANDL MTNLSL Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

KDM4E

Alternative Name:

KDM4E ([KDM4E Products](#))

Background:

Lysine-specific demethylase 4E (EC 1.14.11.66) (KDM4D-like protein) (Lysine-specific demethylase 4D-like) ([histone H3]-trimethyl-L-lysine(9) demethylase 4E),FUNCTION: Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code. {ECO:0000269|PubMed:21914792}.

Molecular Weight:

56.8 kDa

UniProt:

[B2RXH2](#)

Pathways:

[Warburg Effect](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
