Datasheet for ABIN1097841

ZMYND19 Protein (AA 1-227) (His tag)

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Overview

Quantity:	50 µg
Target:	ZMYND19
Protein Characteristics:	AA 1-227
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZMYND19 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Zinc Finger MYND Domain-Containing Protein 19/ZMYND19 (N-6His)
Sequence:	MGSSHHHHHH SSGLVPRGSH MTDFKLGIVR LGRVAGKTKY TLIDEQDIPL VESYSFEARM EVDADGNGAK IFAYAFDKNR GRGSGRLLHE LLWERHRGGV APGFQVVHLN AVTVDNRLDN LQLVPWGWRP KAEETSSKQR EQSLYWLAIQ QLPTDPIEEQ FPVLNVTRYY NANGDVVEEE ENSCTYYECH YPPCTVIEKQ LREFNICGRC QVARYCGSQC QQKDWPAHKK HCRERKRPFQ HELEPER
Characteristics:	Recombinant Human Zinc Finger MYND Domain-Containing Protein 19/ZMYND19 is produced by our E. coli expression system. The target protein is expressed with sequence (Met1-Arg227) of Human ZMYND19 fused with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	ZMYND19
Alternative Name:	ZMYND19 (ZMYND19 Products)
Sub Type:	Fusionprotein
Background:	Human Zinc Finger MYND Domain-Containing Protein 19 (ZMYND19) is a protein that contains 1 MYND-Type Zinc Finger. ZMYND19 can be expressed by the brain, testis, placenta, heart, liver, skeletal muscle, kidney, and stomach. ZMYND19 interacts with GPR24/MCH-R1. It binds to the C terminus of Melanin-Concentrating Hormone Receptor-1 and the N Termini of alpha-Tubulin. ZMYND19 may be involved as a regulatory molecule in GPR24/MCH-R1 signaling. Alternative Names: Zinc Finger MYND Domain-Containing Protein 19, Melanin-Concentrating Hormone Receptor 1-Interacting Zinc Finger Protein, MCH-R1-Interacting Zinc Finger Protein, ZMYND19, MIZIP
Molecular Weight:	28.6 kDa
UniProt:	Q96E35

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	3 months