

Recombinant Menin protein ab114387

画像数 1

製品の詳細

製品名	Recombinant Menin protein
発現系	Wheat germ
アクセッション番号	<u>O00255-3</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
配列	MGLKAAQKTLFPLRSIDDVVRLFAAELGREEPDLVLLSLVLG FVEHFL AVNRVIPTNVPELTFQPSPAPDPPGGLTYFPVADLSIIAALY ARFTAQIR GAVDLSLYPREGGVSSRELVKKVSDVIWNSLSRSYFKDRAHI QSLFSFIT GTKLDSSGVAFAVVGACQALGLRDVHLALSEDHAWSWLYLKG SYMRCDRK MEVAFMVCAINPSIDLHTDSLELLQLQKLLWLLYDLGHLER YPMALGNL ADLEELEPTPGRPDPLTYHKGIASAKTYRDEHIYPMYLA GYHCRNRN VREALQAWADTATVIQDYNCREDEEIIYKEFFEVEDVIPNL LKEAASLL EAGEERPGEQSQGTQSQGSALQDPECFAHLLRFYDGICKWEE GSPTPVLH VGWATFLVQSLGRFEGQVRQKVRIVSREAEAAEAEPPWGEEA REGRRRG RRESKPEEPPPPKKPALDKGLGTGQGAVSGPPRKPPGTVAGT ARGPEGGS TAQVPAPAAASPPPEGPVLTFQSEKMKGMKELLVATKINSSAI KLQLTAQS QVQMKKQKVSTPSDYTLSFLKRQRKGL
予測される分子量	89 kDa
領域	1 to 575

特性

Our **Abpromise guarantee** covers the use of **ab114387** in the following tested applications.

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

アプリケーション

SDS-PAGE

Western blot

ELISA

製品の状態

Liquid

前処理および保存

保存方法および安定性

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

関連情報

機能

Essential component of a MLL/SET1 histone methyltransferase (HMT) complex, a complex that specifically methylates 'Lys-4' of histone H3 (H3K4). Functions as a transcriptional regulator. Binds to the TERT promoter and represses telomerase expression. Plays a role in TGFβ1-mediated inhibition of cell-proliferation, possibly regulating SMAD3 transcriptional activity. Represses JUND-mediated transcriptional activation on AP1 sites, as well as that mediated by NFκB subunit RELA. Positively regulates HOXC8 and HOXC6 gene expression. May be involved in normal hematopoiesis through the activation of HOXA9 expression (By similarity). May be involved in DNA repair.

組織特異性

Ubiquitous.

関連疾患

Defects in MEN1 are the cause of familial multiple endocrine neoplasia type I (MEN1) [MIM:131100]. Autosomal dominant disorder characterized by tumors of the parathyroid glands, gastro-intestinal endocrine tissue, the anterior pituitary and other tissues. Cutaneous lesions and nervous-tissue tumors can exist. Prognosis in MEN1 patients is related to hormonal hypersecretion by tumors, such as hypergastrinemia causing severe peptic ulcer disease (Zollinger-Ellison syndrome, ZES), primary hyperparathyroidism, and acute forms of hyperinsulinemia.

Defects in MEN1 are the cause of familial isolated hyperparathyroidism (FIHP) [MIM:145000]; also known as hyperparathyroidism type 1 (HRPT1). FIHP is an autosomal dominant disorder characterized by hypercalcemia, elevated parathyroid hormone (PTH) levels, and uniglandular or multiglandular parathyroid tumors.

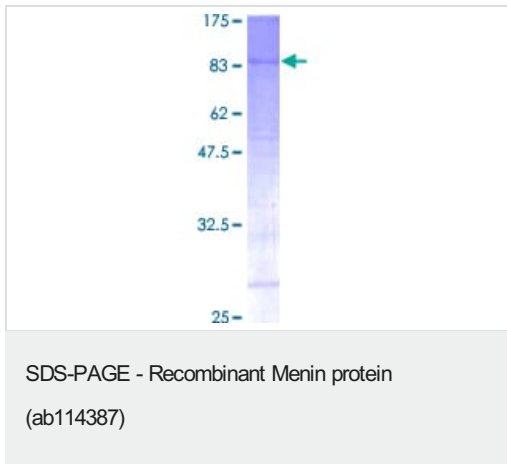
翻訳後修飾

Phosphorylated upon DNA damage, probably by ATM or ATR.

細胞内局在

Nucleus. Concentrated in nuclear body-like structures. Relocates to the nuclear matrix upon gamma irradiation.

画像



ab114387 analysed on a 12.5% SDS-PAGE Stained with Coomassie Blue.

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

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