

## Recombinant Human MEN1 Protein (M1-L615), Tag Free

Cat. No. MEN1-0457H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human Menin(M1-L615 end) ( $\Delta$ G149-V153) Protein was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	M1-L615
<b>Description</b>	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 TGFB1-mediated inhibition of cell-proliferation, possibly regulating SMAD3 transcriptional activity. Represses JUND-mediated transcriptional activation on AP1 sites, as well as that mediated by NFkB subunit RELA. Positively regulates HOXC8 and HOXC6 gene expression. May be involved in normal hematopoiesis through the activation of HOXA9 expression. May be involved in DNA repair.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per $\mu$ g of the protein
<b>Purity</b>	90%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Supplied as sterile 50mM Tris-HCl (pH 7.5), 200mM NaCl, 20% glycerol
<b>Shipping</b>	It is shipped out with blue ice.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MEN1 multiple endocrine neoplasia I [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">MEN1</a>
<b>Synonyms</b>	MEN1; multiple endocrine neoplasia I; menin; endocrine adenomatosis, multiple; MEAI; SCG2; MENIN;
<b>Gene ID</b>	<a href="#">4221</a>
<b>mRNA Refseq</b>	<a href="#">NM_000244</a>
<b>Protein Refseq</b>	<a href="#">NP_000235</a>
<b>MIM</b>	<a href="#">613733</a>
<b>UniProt ID</b>	<a href="#">O00255</a>

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