

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

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

SPECIFICATION

Product Overview	Recombinant Human Menin(M1-L615 end) (ΔG149-V153) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	M1-L615
Description	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 NFκB 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.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%

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Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	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.
Storage Buffer	Supplied as sterile 50mM Tris-HCl (pH 7.5), 200mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	MEN1 multiple endocrine neoplasia I [Homo sapiens (human)]
Official Symbol	MEN1
Synonyms	MEN1; multiple endocrine neoplasia I;menin; endocrine adenomatosis, multiple; MEAI; SCG2; MENIN;
Gene ID	4221
mRNA Refseq	NM_000244
Protein Refseq	NP_000235
MIM	613733
UniProt ID	O00255

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