

Recombinant Full Length Human menin 1 Protein, His Tagged

Cat. No. MEN1-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human menin 1 Protein (1-610 aa) with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-610 aa
Description	This gene encodes menin, a tumor suppressor associated with a syndrome known as multiple endocrine neoplasia type 1. Menin is a scaffold protein that functions in histone modification and epigenetic gene regulation. It is thought to regulate several pathways and processes by altering chromatin structure through the modification of histones.
Molecular Mass	68 kDa
AA Sequence	MGLKAAQKTLFPLRSIDDVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNV PELTFQPSPAPDPPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRE LVKKVSDVIWNLSRSYFKDRAHIQSLFSFITGTKLDSSGVAFVAVGACQALGLRDV HLALSEDHAWVVFGPNGEQTAEVTVHKGKNEDRRGQTVNAGVAERSWLYLKGSY MRCDRKMEVAFMVCAINPSIDLHTDSLELLQLQKLLWLLYDLGHLERYPMALGNLA DLEELEPTPGRPDPLTLYHKGIAAKTYRDEHIYPMYLAGYHCRNRNVREALQA WADTATVIQDYNCREDEEIIYKEFFEYVANDVIPNLLKEAASLLEAGEERPGEQSQGT QSQGSALQDPECFAHLLRFYDGICKWEEGSPTPVLHVGWATFLVQSLGRFEGQVR

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QKVRIVSREAEAAEAEPPWGEEAREGRRRGPRRESKPEEPPPPKKPALDKGLGTG
 QGAVSGPPRKPPGTVAGTARGPEGGSTAQVPAPTASPPPEGPVLTQSEKMKGMK
 ELLVATKINSSAIKLQLTAQSQVQMKKQKVSTPSDYTLSFLKRQRKGLHHHHHHHHH
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Endotoxin < 0.1 EU/μg by LAL.

Purity > 85 % by SDS-PAGE

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 Sterile solution in 25mM Hepes, 150mM NaCl, 2mM DTT, pH 8.0

Concentration 0.169 mg/mL by Bradford

GENE INFORMATION

Gene Name MEN1 menin 1 [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

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MIM	613733
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UniProt ID	O00255
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