

Recombinant Human menin 1 Protein, His tagged

Cat. No. MEN1-04H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MEN1 Protein (1-615aa) with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-615aa
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.
Tag	C-His
Molecular Mass	69 kDa
AA Sequence	MGLKAAQKTLFPLRSIDDVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNV PELTFQPSPAPDPPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRE LVKKVSDVIWNSLSRSYFKDRAHIQSLFSFITGWSPVGTKLDSSGVAFVAVVGACQAL GLRDVHLALSEDHAWVVFGPNGEQTA EVTWHGKG NEDRRGQTVNAGVAERSWLY LKGSYMRCDRKMEVAFMVCAINPSIDLHTDSLELLQLQKLLWLLYDLGHLERYPMA LGNLADLEELEPTGPRPDPLTLYHKGIASAKTYRDEHIYPYMYLAGYHCRNRNVRE

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ALQAWADTATVIQDYNCREDEEIIYKEFFEVEANDVIPNLLKEAASLLEAGEERPGEQ
 SQGTQSQGSALQDPECFAHLLRFYDGICKWEEGSPTPVLHVGWATFLVQSLGRFE
 GQVRQKVRIVSREAEAAEAEPEPWGEEAREGRRRGPRRESKPEEPPPPKKPALDKG
 LGTGQGAVSGPPRKPPGTVAGTARGPEGGSTAQVPAPTASPPPEGPVLTTFQSEKM
 KGMKELLVATKINSSAIKLQLTAQSQVQMKKQKVSTPSDYTLSFLKRQRKGLHHHHH
 HHHHH

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 25mM Hepes, 150mM NaCl, pH8.0, 2mM DTT

Concentration 0.025 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

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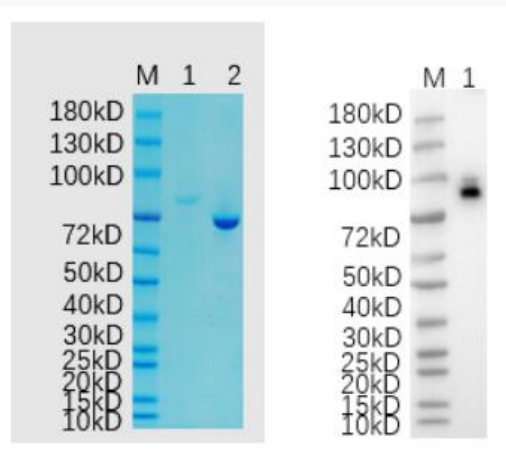
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Protein Refseq NP_000235

MIM 613733

UniProt ID O00255

Reducing 12% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified MEN1.



1. MEN1
2. BSA

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