Recombinant Full Length Human menin 1 Protein, His&Avi tagged

Cat. No. MEN1-02H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human menin 1 Protein with His&Avi tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-610aa
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	His&Avi
Molecular Mass	71 kDa
AA Sequence	MGLKAAQKTLFPLRSIDDVVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNV PELTFQPSPAPDPPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRE LVKKVSDVIWNSLSRSYFKDRAHIQSLFSFITGWSPVGTKLDSSGVAFAVVGACQAL GLRDVHLALSEDHAWVVFGPNGEQTAEVTWHGKGNEDRRGQTVNAGVAERSWLY LKGSYMRCDRKMEVAFMVCAINPSIDLHTDSLELLQLQQKLLWLLYDLGHLERYPMA

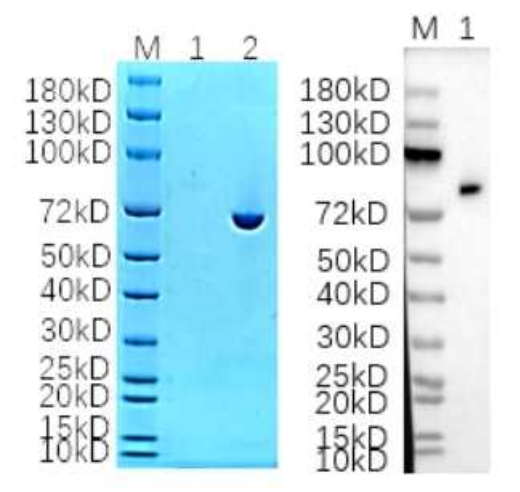
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	LGNLADLEELEPTPGRPDPLTLYHKGIASAKTYYRDEHIYPYMYLAGYHCRNRNVRE ALQAWADTATVIQDYNYCREDEEIYKEFFEVANDVIPNLLKEAASLLEAGEERPGEQ SQGTQSQGSALQDPECFAHLLRFYDGICKWEEGSPTPVLHVGWATFLVQSLGRFE GQVRQKVRIVSREAEAAEAEEPWGEEAREGRRRGPRRESKPEEPPPPKKPALDKG LGTGQGAVSGPPRKPPGTVAGTARGPEGGSTAQVPAPTASPPPEGPVLTFQSEKM KGMKELLVATKINSSAIKLQLTAQSQVQMKKQKVSTPSDYTLSFLKRQRKGLHHHHH HHHHHGLNDIFEAQKIEWHE
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, pH 8.0, 2mM DTT
Concentration	0.024 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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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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