

Recombinant Full Length Human multiple endocrine neoplasia I Protein, His&Avi-tagged

Cat. No. MEN1-03H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MEN1 Protein with His&Avi-tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Full length
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	70 kDa
AA Sequence	MGLKAAQKTLFPLRSIDDVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNV PELTFQPSPAPDPPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRE LVKKVSDVIWNSLSRSYFKDRAHIQSLFSFITGKLDSSGVAFVVGACQALGLRDV HLALSEDHAWVVFGPNGEQTAEVTWHGKGNEARRGQTVNAGVAERSWLYLKGSY MRCDRKMVAFMVCAINPSIDLHTDSLELLQLQKLLWLLYDLGHLERYPMALGNLA

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

DLEELEPTPGRPDPLTLYHKGIASAKTYRDEHIYPMYLAGYHCRNRNVREALQA
WADTATVIQDYNCREDEEIIYKEFFEVEANDVIPNLLKEAASLLEAGEERPGEQSQGT
QSQGSALQDPECFAHLLRFYDGICKWEEGSPTPVLHVGVATFLVQSLGRFEGQVR
QKVRIVSREAEAAEAEPEPWGEEAREGRRRGPRRESKPEEPPPPKKPALDKGLGTG
QGAVSGPPRKPPGTVAGTARGPEGGSTAQVPAPTASPPPEGPVLTQSEKMKGMK
ELLVATKINSSAIKLQLTAQSQVQMKKQKVSTPSDYTLSFLKRQRKGLHHHHHHHHHG
LNDIFEAQKIEWHE

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.

Concentration 0.082 mg/mL by A280

Storage Buffer Sterile 25mM Hepes, 150mM NaCl, 2mM DTT, pH 8.0, 10 % Glycerol, 0.5 % SKL

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](#)

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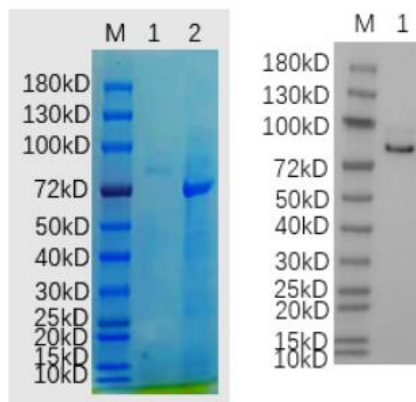
 45-1 Ramsey Road, Shirley, NY 11967, USA

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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