

Recombinant Human MEN1 Protein, GST-tagged

Cat. No. MEN1-4445H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MEN1 full-length ORF (AAH02544.1, 1 a.a. - 575 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes menin, a putative tumor suppressor associated with a syndrome known as multiple endocrine neoplasia type 1. In vitro studies have shown menin is localized to the nucleus, possesses two functional nuclear localization signals, and inhibits transcriptional activation by JunD, however, the function of this protein is not known. Two messages have been detected on northern blots but the larger message has not been characterized. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Molecular Mass	90.1 kDa
AA Sequence	MGLKAAQKTLFPLRSIDDVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNV PELTFQPSPAPDPPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRE LVKKVSDVIWNSLSRSYFKDRAHIQSLFSFITGTKLDSSGVAFVAVGACQALGLRDV HLALSEDHAWSWLYLKGSYMRCDRKMEVAFMVCAINPSIDLHTDSLELLQLQKLL WLLYDLGHLERYPMALGNLADLEELEPTPGRPDPLTYHKGIAAKTYRDEHIYPY MYLAGYHCRNRNVREALQAWADTATVIQDYNCREDEEIYKEFFEYVANDVIPNLLKE AASLLEAGEERPGEQSQGTQSQGSALQDPECFAHLLRFYDGICKWEEGSPTPVLHV

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GWATFLVQSLGRFEGQVRQKVRIVSREAEAAEAEPPWGEEAREGRRRGPRRESKP
 EEPppPKKpALDKGLGTGQGAVSGPPRKPPGTVAGTARGPEGGSTAQVPAPAASP
 PPEGPVLTFQSEKMKGMKELLVATKINSSAIKLQLTAQSQVQMKKQKVSTPSDYTLS
 FLKRQRKGL

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [MEN1 multiple endocrine neoplasia I \[Homo sapiens \]](#)

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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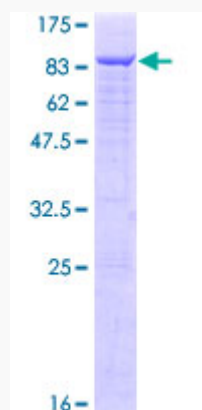
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MIM 613733

UniProt ID O00255

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue

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