

Recombinant Human MEN1

Cat. No. MEN1-30096TH **Lot. No.** (See product label)

SPECIFICATION

| | |
|---------------------------|---|
| Product Overview | Recombinant full length Human Menin with N terminal proprietary tag; Predicted MWt 89.25 kDa including the tag. |
| Species | Human |
| Source | Wheat Germ |
| ProteinLength | 575 amino acids |
| 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. |
| Molecular Weight | 89.250kDa |
| Tissue specificity | Ubiquitous. |
| Form | Liquid |
| Purity | Proprietary Purification |
| Storage buffer | pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione |

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

Storage Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

Sequences of amino acids

MGLKAAQKTLFPLRSIDDVRLFAAELGREEPDLVLLS LVLGFVEHFLAVNRVIPTNV
 PELTFQPSPAPDPPGGLTYF PVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRE
 LV KKVSDVIWNSLSRSYFKDRAHIQSLFSFITGTKLDSSGVA FAVVGACQALGLRDV
 HLALSEDHAWSWLYLKGSYMRCDRK MEVAFMVCAINPSIDLHTDSLELLQLQKLL
 WLLYDLGHL ERYPMALGNLADLEELEPTPGRPDPLTYHKGIASAKTY Y RDEHIYPY
 MYLAGYHCRNRNVREALQAWADTATVIQDYN Y CREDEEIIYKEFFE VANDVIPNLLK
 EAASLLEAGEERPGEQ SQGTQSQGSALQDPECF AHL LRFYDGICKWEEG SPTPVL
 H VGWATFLVQSLGRFEGQVRQKVRIVSREAEAAEAE EPWGE EAREGRRRGP RRE
 SKPEEPPPPK PALDKGLGTGQGAVSG PPRKPPGT VAGTARGPEGG STAQVPAPA
 ASPPPEGPV LTF QSEKMKGMKELLVATKINSSAIKLQLTAQSQVQMKKQKVS TPSD
 YTLSFLKRQRKGL

GENE INFORMATION

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

Official Symbol [MEN1](#)

Synonyms MEN1; multiple endocrine neoplasia I;menin;

Gene ID [4221](#)

mRNA Refseq [NM_000244](#)

Protein Refseq [NP_000235](#)

MIM [613733](#)

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| Uniprot ID | O00255 |
| Chromosome Location | 11q13 |
| Pathway | Transcriptional misregulation in cancers, organism-specific biosystem; Transcriptional misregulation in cancers, conserved biosystem; |
| Function | DNA binding; R-SMAD binding; Y-form DNA binding; chromatin binding; double-stranded DNA binding; |

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