

## Recombinant Human MEN1 cell lysate

Cat. No. MEN1-1077HCL Lot. No. (See product label)

### SPECIFICATION

**Species**

Human

**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.

**Size**

100 ul

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Applications**

Western Blot;

### 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;

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<b>Gene ID</b>	4221
<b>mRNA Refseq</b>	NM_000244
<b>Protein Refseq</b>	NP_000235
<b>MIM</b>	613733
<b>UniProt ID</b>	O00255
<b>Chromosome Location</b>	11q13
<b>Pathway</b>	Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
<b>Function</b>	DNA binding; R-SMAD binding; Y-form DNA binding; chromatin binding; double-stranded DNA binding; four-way junction DNA binding; contributes_to histone-lysine N-methyltransferase activity; protein N-terminus binding; protein binding; protein binding, bridging; transcription regulatory region DNA binding;

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