

Recombinant Human MEN1 cell lysate

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

SPECIFICATION

Product Overview

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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Gene ID	4221
mRNA Refseq	NM_000244
Protein Refseq	NP_000235
MIM	613733
UniProt ID	O00255
Chromosome Location	11q13
Pathway	Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
Function	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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