



Human MEN1 peptide (DAG-P1760)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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, Oct 2008]

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| Specificity | Ubiquitous. |
| Conjugate | Unconjugated |
| Format | Liquid |
| Preservative | None |
| Storage | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request. |

GENE INFORMATION

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| Gene Name | MEN1 multiple endocrine neoplasia I [Homo sapiens (human)] |
| Official Symbol | MEN1 |
| Synonyms | MEN1; multiple endocrine neoplasia I; MEAI; SCG2; menin; |
| Entrez Gene ID | 4221 |
| mRNA Refseq | NM_000244.3 |
| Protein Refseq | NP_000235.2 |

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| UniProt ID | O00255 |
| Chromosome Location | 11q13 |
| Pathway | Cell cycle, organism-specific biosystem; Disease, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Loss of Function of SMAD2/3 in Cancer, organism-specific biosystem; Loss of Function of SMAD4 in Cancer, organism-specific biosystem; Loss of Function of TGFBR1 in Cancer, organism-specific biosystem; Loss of Function of TGFBR2 in Cancer, organism-specific biosystem; SMAD2/3 MH2 Domain Mutants in Cancer, organism- |
| Function | 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; sequence |