

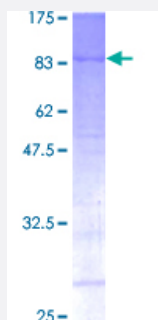
Full-Length

MEN1 (Human) Recombinant Protein (P01)

Catalog # H00004221-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MEN1 full-length ORF (AAH02544, 1 a.a. - 575 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGLKAAQKTLFPLRSIDDVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNVPELTFQPS
PAPDPPGGLTYFPVADLSIAALYARFTAQIRGAVDLSLYPREGGVSSRELVKKVSDVMNSLSRSY
FKDRAHIQSLFSFITGTKLDSSGVAFAVVGACQALGLRDVHLALSEDHAWSWLYLKGSYMRCR
KMEVAFMVCAINPSIDLHTDSLELLQLQQKLLWLLYDLGHLERYPMALGNLADLEELEPTGRPD
PLTYHKGIASAKTYRDEHYPYMYLAGYHCRNRNVREALQAWADTATVIQDYNCREDEEMKEF
FEVANDVIPNLLKEAASLLEAGEERPGEQSQGTQSQGSALQDPECFAHLLRFYDGICKWEEGSP
TPVLHVGWATFLVQSLGRFEGQVRQKVRVRSREAAEAEEPEWGEEAREGRRRGPRRESKPEE
PPPPKKPALDKGLGTGQGAVSGPPRKPPGTVAGTARGPEGGSTAQVPAPAASPPPEGPVLTQ
SEKMKGMKELLVATKINSSAIKLQLTAQSQVQMKKQKVSTPSDYTLSFLKRQRKGL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

88.88

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

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

Applications

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

Gene Info — MEN1

Entrez GeneID[4221](#)**GeneBank Accession#**[BC002544.1](#)**Protein Accession#**[AAH02544](#)**Gene Name**

MEN1

Gene Alias

MEAI, SCG2

Gene Description

multiple endocrine neoplasia I

Omim ID[131100 145000](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

OTTHUMP00000042868|OTTHUMP00000070176|OTTHUMP00000070180|OTTHUMP00000070184|endocrine adenomatosis, multiple|menin

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Adrenal Gland Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hyperinsulinism](#)
- [Hyperparathyroidism](#)
- [Hypoglycemia](#)
- [Insulinoma](#)
- [Multiple endocrine neoplasia](#)
- [Multiple Endocrine Neoplasia Type 1](#)
- [Neuroendocrine Tumors](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Parathyroid Neoplasms](#)
- [Pituitary Neoplasms](#)