

Recombinant Full Length Mouse MEN1 Protein, His-tagged

Cat. No. MEN1-9727M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse MEN1 Protein with His tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-611 aa
Description	Enables DNA-binding transcription activator activity; chromatin binding activity; and transcription cis-regulatory region binding activity. Involved in transcription initiation-coupled chromatin remodeling. Acts upstream of or within several processes, including negative regulation of cell population proliferation; regulation of macromolecule metabolic process; and regulation of osteoblast differentiation. Located in chromosome, telomeric region; cytoplasm; and nucleus. Is expressed in several structures, including 1st branchial arch; alimentary system; central nervous system; gonad; and sensory organ. Used to study growth hormone secreting pituitary adenoma; hyperparathyroidism; multiple endocrine neoplasia type 1; and prolactinoma. Human ortholog(s) of this gene implicated in endocrine gland cancer (multiple); hyperparathyroidism; and multiple endocrine neoplasia type 1. Orthologous to human MEN1 (menin 1).
Molecular Mass	69 kDa
AA Sequence	MGLKAAQKTLFPLRSIDDVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNV

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PELTFQSPAPDPPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRE
 LVKKVSDVIWNSLSRSYFKDRAHIQSLFSFITGTKLDSSGVAFVAVGACQALGLRDV
 HLALSEDHAWVVFGPNGEQTAEVTWHGKGNEGRRGQTVNAGVAERSWLKGSY
 MRCDRMEVAFMVCAINPSIDLHTDSLELLQLQKLLWLLYDLGHLERYPMALGNLA
 DLEELEPTPGRPDPLTYHKGIASAKTYQDEHIYPMYLAGYHCRNRNVREALQA
 WADTATVIQDYNCREDEEIIYKEFFEVEANDVIPNLLKEAASLLETGEERTGEQAQGT
 QGQGSALQDPECFAHLLRFYDGICKWEEGSPTPVLHVGVATFLVQSLGRFEGQVR
 QKVHIVSREAEAAEAEPEWGDAREGRRRGPRRESKPEEPPPPKKPALDKGPGSG
 QSAGSGPPRKTSCTVPGTTRGGQEVGNAAQAPAPAASPPPEGPVLTQSEKMKG
 MKELLVATKINSSAIKLQLTAQSQVQMKKQKVSTPSDYTLFLKRQRKGLHHHHHHH
 HHH

Endotoxin <1 EU/μg by LAL

Purity > 80% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Sterile PBS, pH7.4

Concentration 1 mg/mL by BCA

GENE INFORMATION

Gene Name [Men1 multiple endocrine neoplasia 1 \[Mus musculus \]](#)

Official Symbol [Men1](#)

Synonyms Men1; multiple endocrine neoplasia 1; menin; AW045611

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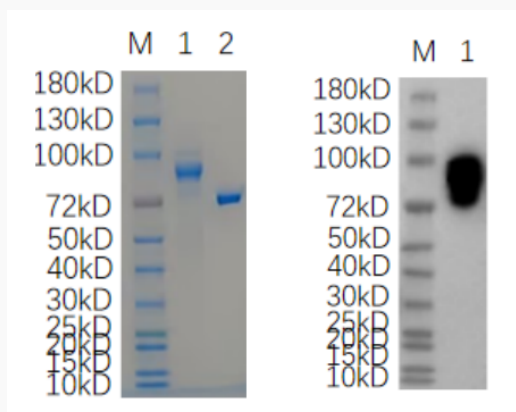
Gene ID 17283

mRNA Refseq NM_001168488

Protein Refseq NP_001161960

UniProt ID F8WHD9

SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified MEN1. 1. MEN1: 1 µg 2. BSA: 1 µg

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