

Recombinant Full Length Human MEN1 Protein, C-Flag-tagged

Cat. No. MEN1-229HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MEN1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes menin, a tumor suppressor associated with a syndrome known as multiple endocrine neoplasia type 1. Menin is a scaffold protein that functions in histone modification and epigenetic gene regulation. It is thought to regulate several pathways and processes by altering chromatin structure through the modification of histones.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	67.3 kDa
AA Sequence	MGLKAAQKTLFPLRSIDDVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNV PELTFQPSPAPD PPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRE LVKKVSDVIWNLSRSYFKDRAHI QSLFSFITGTKLDSSGVAFVAVVGACQALGLRDV HLALSEDHAWVVFGPNGEQTA EVTWHGKGNEDRRGQT VNAGVAERSWLYLKGS YMRCDRKMEVAFMVCAINPSIDLHTDSLELLQLQKLLWLLYDLGHLERYPMAL GN LADLEELEPTPGRPDPPLTYHKGIAAKTYRDEHIYPYMYLAGYHCRNRNVREALQ AWADTATVIQD YNYCREDEEIYKEFFEYANDVIPNLLKEAASLLEAGEERPGEQSQG TQSQGSALQDPECFAHLLRFYDGI CKWEEGSPTPVLHVGVWATFLVQSLGRFEGQV

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RQKVRIVSREAEAAEAEPPWGEEAREGRRRGPRRESKPE EPPPPKKPALDKGLGT
GQGAVSGPPRKPPGTVAGTARGPEGGSTAQVPAPAASPPPEGPVLTFFQSEKMKG
MKELLVATKINSSAIKLQLTAQSQVQMKKQKVSTPSDYTLSFLKRQRKGLTRTRPLE
QKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transcription Factors
Full Length	Full L.

GENE INFORMATION

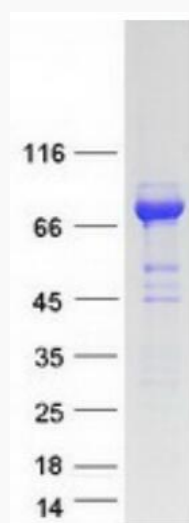
Gene Name	MEN1 menin 1 [Homo sapiens (human)]
Official Symbol	MEN1
Synonyms	MEAI; SCG2
Gene ID	4221

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mRNA Refseq	NM_130799.3
Protein Refseq	NP_570711.2
MIM	613733
UniProt ID	O00255



Coomassie blue staining of purified MEN1 protein.