

## Product datasheet for PH312368

### Menin (MEN1) (NM\_130799) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MEN1 MS Standard C13 and N15-labeled recombinant protein (NP_570711)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212368
Predicted MW:	67.3 kDa
Protein Sequence:	>RC212368 representing NM_130799 Red=Cloning site Green=Tags(s)

MGLKAAQKTLFPLRSIDDVVRLF AELGREPDLVLLSLVLGFVEHFLAVNRVIPTNPVELTFQPSFAPD  
PPGGLTYFPVADLSIIAALYARFTAQIRGAVDSL YPREGGVSSREL VKKVSDVIWNSLSRSYFKDRAHI  
QSLFSFITGTKLDSSGVAFAVVGACQALGLRDVHLAL SEDHAWVVF GPNGEQTA EVTWHGKGNEDRRGQT  
VNAGVAERSWL YLKGSYMRCDRKMEVAFMVCAINPSIDLHTDSELLQLQKLLWLL YDLGHLERYPMAL  
GNLADLEELEPTPGRPDPLTYHKGIASAKTYRDEHIYPMYLAGYHCRNRNVREALQAWADTATVIQD  
YNYCREDEEIIYKEFFE VANDVIPNLLKEAASLLEAGEERPGEQSQGTQSQGSALQDPECF AHLLRFYDGI  
CKWEEGSPVPLHVGWATFLVQSLGRFEGQVRQKVRIVSREAAEAEEPWGEEAREGRRRGRPRESKPE  
EPPPPKPALDKGLGTGQGAVSGPPRPPGT VAGTARGPEGGSTAQVPAPAASPPPEGPVLT FQSEKMKG  
MKELLVATKINSSAIKQLTAQSQVQMKKQKVSTPSDYTLSFLKRQRKGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_570711</a>
RefSeq Size:	2772
RefSeq ORF:	1830



[View online »](#)

**Synonyms:** MEAI; SCG2

**Locus ID:** 4221

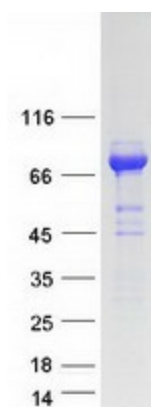
**UniProt ID:** [O00255](#), [A0A024R5E3](#)

**Cytogenetics:** 11q13.1

**Summary:** 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. [provided by RefSeq, May 2019]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified MEN1 protein (Cat# [TP312368]). The protein was produced from HEK293T cells transfected with MEN1 cDNA clone (Cat# [RC212368]) using MegaTran 2.0 (Cat# [TT210002]).