

Product datasheet for TP312368

Menin (MEN1) (NM_130799) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human multiple endocrine neoplasia I (MEN1), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212368 representing NM_130799 Red=Cloning site Green=Tags(s)

MGLKAAQKTLFPLRSIDDVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNPPELTFQPSPAPD
PPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRELVKKVSDVIWNSLSRSYFKDRAHI
QSLFSFITGKLDSSGVAFVAVGACQALGLRDVHLALSEDHAWVFGPNGEQTA EVTWHGKGNEDRRGQT
VNAGVAERSWLYLKGSYMRCDRKMVAFMVCAINPSIDLHTDSLELLQLQKLLWLLYDLGHLERYPMAL
GNLADLEELEPTPGRPDPLTYHKGIASAKTYRDEHIYPMYLAGYHCRNRNVREALQAWADTATVIQD
YNYCREDEEYKEFFEVDVIPNLLKEAASLLEAGEERPGEQSQGTQSQGSALQDPECFAHLLRFYDGI
CKWEEGSPTPVLHVGWATFLVQSLGRFEGQVRQKVRIVSREAEEAAEAPWGEEAREGRRRGRPRRESKPE
EPPPPKPPALDKGLGTGQGA VSGPPRPPGT VAGTARGPEGGSTAQVPAPAASPPPEGPVLT FQSEKMKG
MKELLVATKINSSAIKLQLTAQSQVQMKKQKVSTPSDYTLSFLKRQRKGL

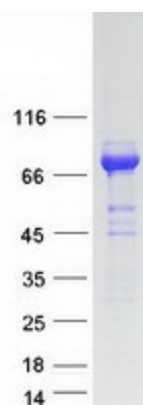
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	67.3 kDa
Concentration:	>0.1 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_570711
Locus ID:	4221
UniProt ID:	O00255 , A0A024R5E3
RefSeq Size:	2772
Cytogenetics:	11q13.1
RefSeq ORF:	1830
Synonyms:	MEAI; SCG2
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]).