

Product datasheet for PH301783

MAP126 (SPAG5) (NM_006461) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SPAG5 MS Standard C13 and N15-labeled recombinant protein (NP_006452)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201783
Predicted MW:	134.4 kDa
Protein Sequence:	>RC201783 protein sequence Red=Cloning site Green=Tags(s)

MWRVKKLSLSLSPSPQTGKPSMRTLRELTLQPGALTNSGKRSPACSSLTPSLCKLGLQEGSNSSPVDF
VNNKRTDLSSEHFSHSSKWLETQHESEDEQPLDPIQISSTPKTSEEAVDPLGNMVKTIVLVPSPLGQQ
QDMIFEARLDTMAETNSISLNGPLRTDDLVREEVAPCMGDRFSEVAAVSEKPIFQESPHLLLEESPPNPC
SEQLHCSKESLSSRTEAVREDLVPSESNAPLSSVWLWSPSTALAADFRVNHVDPEEEIVEHGAMEEREM
RFPHPKESETEDQALVSSVEDILSTCLTPNLVEMESQEAPGPAVEDVGRILGSDTESWMSPLAWLEKGV
NTSVMLNLRQSLSLPSMLRDAAGTTPFSTCSVGTWFTPSAPQEKTSTNTSQTGLVGTKHSTSETEQLLC
GRPPDLTALSRHDLEDNLLSSLVILEVLSRQLRDWKSQAVPHPETQDSSTQTDTSHTSGITNKLQHLKES
HEMGQALQQARNVMQSWVLI SKELISLLHL SLLHLEEDKTTVSQESRRRAETLVCCCFDLKLLRAKLQSL
KAEREEARHREEMALRGKDAAEIVLEAFCAHASQRISQLEQDLASMREFRGLLKDAQTQLVGLHAKQEEL
VQQTVSLTSTLQQDWRSMQLDYTTWTALLSRSRQLTEKLVKSSQALQERDVAIEEKQEVSRVLEQVSAQ
LEECKGQTEQLELENSRLATDLRAQLQILANMDSQLKELQSQHTHCAQDLAMKDELLCQLTQSNEEQAAQ
WQKEEMALKHMQAELQQQAVLAKEVRDLKETLEFADQENQVAHLELGGVECQLKTTLEVLRRSLQCEN
LKDTVENLTAKLASTIADNQEQLKTRQYSQKGLL TEQLQSL TLFQTKLKEKTEQETLLLSTACPPT
QEHPLPNDRTFLGSILTAVADEEPESTPVPLLGSDKSAFTRVASMVSLQPAETPGMEESLAEMSIMTTEL
QSLCSLLQESKEEAIRTLQRKICELQARLQAQEEQHQEVQKAKEADIEKLNQALCLRYKNEKELQEVIIQQ
QNEKILEQIDKSGELISLREEVTHLTRSLRRAETETKVLQEALAGQLDNCQPMATNWIQEKVWLSQEV
KLRVMFLFMKNEKEKLMIKFQSHRNILEENLRSDKLEKLEKDDIVQHIYKTLLSIPEVVRGCKELQGLLE
FLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

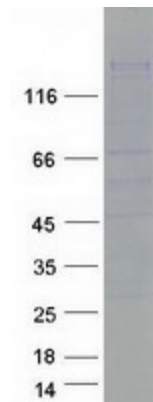
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine



[View online »](#)

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:	NP_006452
RefSeq Size:	3824
RefSeq ORF:	3579
Synonyms:	DEEPEST; hMAP126; MAP126
Locus ID:	10615
UniProt ID:	Q96R06
Cytogenetics:	17q11.2
Summary:	This gene encodes a protein associated with the mitotic spindle apparatus. The encoded protein may be involved in the functional and dynamic regulation of mitotic spindles. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Stem cell - Pluripotency

Product images:



Coomassie blue staining of purified SPAG5 protein (Cat# [TP301783]). The protein was produced from HEK293T cells transfected with SPAG5 cDNA clone (Cat# [RC201783]) using MegaTran 2.0 (Cat# [TT210002]).