

## Product datasheet for TP301783L

### MAP126 (SPAG5) (NM\_006461) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Purified recombinant protein of Homo sapiens sperm associated antigen 5 (SPAG5), 1 mg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC201783 protein sequence  
Red=Cloning site Green=Tags(s)

MWRVKKLSLSLSPSPQTGKPSMRTPLRELTLPQALTNISGKRSPACSSLTPLSCKLGLQEGSNSSPVDF  
VNNKRTDLSSEHFSHSSKWLETCQHESDEQPLDPIQISSTPKTSEEAVDPLGNMVKTIIVLVPSPGQQ  
QDMIFEARLDTMAETNSISLNGPLRTDDLVREEVAPCMGDRFSEVAAVSEKPIFQESPSHLLSESPNPC  
SEQLHCSKESLSSRTEAVREDLVPSESNAFLPSSVLWLPSTALAADFRVNHVDPEEEIVEHGAMEEREM  
RFPHTPKESETEDQALVSSVEDILSTCLTPNLVEMESQEAPGPAVEDVGRILGSDTESWMSPLAWLEKGV  
NTSVMLLENLRQSLSPMLRDAAIGTTPFSTCSVGTWFTSPAPQEKSTNTSQTGLVGTKHSTSETEQLLC  
GRPPDLTALSRLDLEDNLLSSLVILEVLSRQLRDWKSQAVPHPETQDSSTQTDTSHGITNKLQHLKES  
HEMGQALQQARNVMQSWVLISKELISLLHLSLLHLEEDKTTVSQESRRAETLVCCCFDLLKLRKQLSL  
KAEREEARHREEMALRGKDAAEIVLEAFCAHASQRISQLEQDLASMRFRGLLKDAQTQLVGLHAKQEEL  
VQQTVSLTSTLQQDWRSMQLDYTTWTALLSRSRQLTEKLTVKSQQALQERDVAIEEKQEVSRVLEQVSAQ  
LEECKGQTEQLELENSRLATDLRAQLQILANMDSQLKELQSQHTHCAQDLAMKDELICQLTQSNEEQAAQ  
WQKEEMALKHMQAELQQQAVLAKEVRDLKETLEFADQENQVAHLELQVEQQLKTTLEVLRRSLQCEN  
LKDTVENLTAKLASTIADNQEQDLEKTRQYSQKLGLLTEQLQSLTFLQTKLKEKTEQETLLLSTACPPT  
QEHPLPNDRTFLGSILTAVADEEPESTPVPLLGSDKSAFTRVASMVSLQPAETPGMEESLAEMSIMTTEL  
QSLCSLLQESKEEAIRTLQRKICELQARLQAQEEQHQEVQKAKEADIEKLNQALCLRYKNEKELQEVIQQ  
QNEKILEQIDKSGELISLREEVTHLTRSLRRAETETKVLQALAGQLDSNCQPMATNWIQEKVWLSQEV  
KLRVMFLEMKNEKEKLMIKFQSHRNILEENLRSDKELEKLDIVQHIYKTLISPIEVVRGCKELQGLLE  
FLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

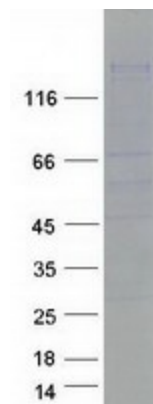
**Tag:** C-Myc/DDK  
**Predicted MW:** 134.2 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining



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<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_006452</a>
<b>Locus ID:</b>	10615
<b>UniProt ID:</b>	<a href="#">Q96R06</a>
<b>RefSeq Size:</b>	3824
<b>Cytogenetics:</b>	17q11.2
<b>RefSeq ORF:</b>	3579
<b>Synonyms:</b>	DEEPEST; hMAP126; MAP126
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).