

Product datasheet for TP301783

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), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC201783 protein sequence
Red=Cloning site Green=Tags(s)

MWRVKKLSLSLSPSPQTGKPSMRTPLRELTLPQGALTNSGKRSPACSSLTPSLCKLGLQEGSNSSPVDF
VNNKRTDLSSEHFSHSSKWLETCQHESDEQPLDPIQISSTPKTSEEAVDPLGNMVKTIVLVPSPGQQ
QDMIFEARLDTMAETNSISLNGPLRTDDLVREEVAPCMGDRFSEVAAVSEKPIFQESPSHLLSESPNPC
SEQLHCSKESLSRTEAVREDLVPSESNAFLPSSVLWLPSTALAADFRVNHVDPEEEIVEHGAMEEREM
RFPHTPKESETEDQALVSSVEDILSTCLTPNLVEMESQEAPGPAVEDVGRILGSDTESWMSPLAWLEKGV
NTSVMLLENLRQSLSLPSMLRDAAIGTTPFSTCSVGTWFTSPAPQEKSTNTSQTGLVGTKHSTSETEQLL
GRPPDLTALSRLDLEDNLLSSLVILEVLSRQLRDWKSQAVPHPETQDSSTQTDTSHGITNKLQHLKES
HEMGQALQQARNVMQSWVLISKELISLLHLSLLHLEEDKTTVSQESRRAETLVCCCFDLLKKLRAKLQSL
KAEREEARHREEMALRGKDAAEIVLEAFCAHASQRISQLEQDLASMRFRGLLKDAQTQLVGLHAKQEEL
VQQTVSLTSTLQQDWRSMQLDYTTWTALLSRSRQLTEKLVKSQQALQERDVAIEEKQEVSRVLEQVSAQ
LEECKGQTEQLELENSRLATDLRAQLQILANMDSQLKELQSQHTHCAQDLAMKDELQCQTQSNEEQAAQ
WQKEEMALKHMQAELQQQAVLAKEVRDLKETLEFADQENQVAHLELQVEQQLKTTLEVLRRERSLQCEN
LKDTVENLTAKLASTIADNQEQDLEKTRQYSQKLGLLTEQLQSLTLFLQTKLKEKTEQETLLLSTACPPT
QEHPLPNDRTFLGSILTAVADEEPESTPVPLLGSDKSAFTRVASMVSLQPAETPGMEESLAEMSIMTTEL
QSLCSLLQESKEEAIRTLQRKICELQARLQAQEEQHQEVQKAKEADIEKLNQALCLRYKNEKELQEVIQQ
QNEKILEQIDKSGELISLREEVTHLTRSLRRAETETKVLQALAGQLDSNCQPMATNWIQEKVWLSQEVD
KLRVMFLEMKNEKEKLMIKFQSHRNILEENLRRSDKELEKLDIVQHIYKTLLSIPEVVRGCKELQGLLE
FLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

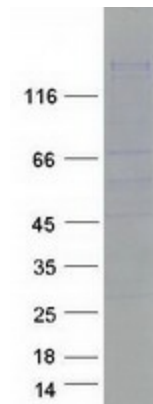
Tag: C-Myc/DDK
Predicted MW: 134.2 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining



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|--------------------------|---|
| 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. |
| 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_006452 |
| Locus ID: | 10615 |
| UniProt ID: | Q96R06 |
| RefSeq Size: | 3824 |
| Cytogenetics: | 17q11.2 |
| RefSeq ORF: | 3579 |
| Synonyms: | DEEPEST; hMAP126; MAP126 |
| 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]).