

Recombinant Human SPAG5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SPAG5-6243H Lot. No. (See product label)

SPECIFICATION

Product Overview

SPAG5 MS Standard C13 and N15-labeled recombinant protein (NP_006452) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

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.

Molecular Mass

134.4 kDa

AA Sequence

MWRVKKLSLSLSPSPQTGKPSMRTPLRELTLPQALNSGKRSPACSSLTPSLCKL
 GLQEGSNSSPVDFVNNKRTDLSSEHFSHSSKWLETCQHESEDEQLDPIPIQSSTP
 KTSEEAVDPLGNMVKTIIVLPSPLGQQQDMIFEARLDTMAETNSISLNGPLRTDDL
 VREEVAPCMGDRFSEVAAVSEKPIFQESPSHLLSEPPNPCSEQLHCSKESLSSRT
 EAVREDLVPSESNAPLPSVWLWSPSTALAADFRVNHVDPEEEIVEHGAMEEREMR
 FPTHKESSETEDQALVSSVEDILSTCLTPNLVEMESQEAPGPAVEDVGRILGSDTES
 WMSPLAWLEKGVNTSVMLNLRQSLSLPSMLRDAAGTTPFSTCSVGTWFTPSAPQ
 EKSTNTSQTGLVGTKHSTSETEQLLCGRPPDLTALSRHDLEDNLLSSLVILEVLSRQL
 RDWKSQAVPHPETQDSSTQTDTSHSGITNKLQHLKESHEMGQALQQARNVMQS
 WWLISKELISLLHLSLLHLEEDKTTVSQESRRAETLVCCCFDLLKKLRKQLSLKAERE

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EARHREEMALRGKDAAEIVLEAFCAHASQRISQLEQDLASMREFRGLLKDAQTQLV
 GLHAKQEELVQQTVSLTSTLQQDWRSMLDYTTWTALLSRSRQLTEKLTVKSQQAL
 QERDVAIEEKQEVSRVLEQVSAQLEECKGQTEQLELENSRLATDLRAQLQILANMDS
 QLKELQSQHTHCAQDLAMKDELLCQLTQSNEEQAAQWQKEEMALKHMQAELQQQ
 QAVLAKEVRDLKETLEFADQENQVAHLELGQVECQLKTTLEVLRRERSLQCENLKDTV
 ENLTAKLASTIADNQEQLKTRQYSQKLGLLTEQLQSLTLFLQTKLKEKTEQETLLL
 STACPPTQEHPLPNDRTFLGSILTAVADEEPESTPVPLLGSDFSAFTRVASMVSLQP
 AETPGMEESLAEMSIMTTELQSLCSLLQESKEEAIRTLQRKICELQARLQAQEEQHQ
 EVQKAKEADIEKLNQALCLRYKNEKELQEVIQQQNEKILEQIDKSGELISLREEVTHLT
 RSLRRAETETKVLQEALAGQLDSNCQPMATNWIQEKVWLSQEVDKLRVMFLEMKN
 EKEKLMIKFQSHRNILEENLRRSDKELEKLLDDIVQHIYKTLLSIPEVVRGCKELQGLLE
 FLSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SPAG5 sperm associated antigen 5 [Homo sapiens (human)]

Official Symbol SPAG5

Synonyms SPAG5; sperm associated antigen 5; sperm-associated antigen 5; astrin; DEEPEST;

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hMAP126; MAP126; mitotic spindle associated protein p126; mitotic spindle coiled coil related protein; mitotic spindle-associated protein p126; mitotic spindle coiled-coil related protein;

Gene ID 10615

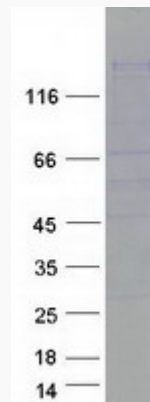
mRNA Refseq NM_006461

Protein Refseq NP_006452

MIM 615562

UniProt ID Q96R06

SDS-PAGE



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