

Recombinant Full Length Human SPAG5 Protein, C-Flag-tagged

Cat. No. SPAG5-1643HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SPAG5 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	134.2 kDa
AA Sequence	MWRVKKLSLSLSPSPQTGKPSMRTPLRELTLPQGALTNSGKRSPACSSLTPSLCKL GLQEGSNSSPVDF VNNKRTDLSSEHFSHSSKWLETQCQHESEQPLDPIPIQISSTP KTSEEAVDPLGNMVKITIVLPSPLGQQ QDMIFEARLDTMAETNSISLNGPLRTDDL VREEVAPCMGDRFSEVAHVSEKPIFQESPSHLLSESPNPC SEQLHCSKESLSSRT EAVREDLVPSESNAPLPSSVLWLSPSTALAADFRVNHVDPEEEIVEHGAMEEREM R FPTHPKESETEDQALVSSVEDILSTCLTPNLVEMESQEAPGPAVEDVGRILGSDTES WMSPLAWLEKGV NTSVMLENLRQSLSLPSMLRDAAIGTTPFSTCSVGTWFTPSAP QEKSTNTSQTGLVGTKHSTSETEQLLC GRPPDLTALSRHDLEDNLLSSLVILEVLSR QLRDWKSQAVPHPETQDSSTQTDTS HSGITNKLQHLKES HEMGQALQQARNVM

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QSWVLISKELISLLHLSLLHLEEDKTTVSQESRRAETLVCCCFDLLKKLRAKLQSL KA
 EREEARHREEMALRGKDAAEIVLEAFCAHASQRISQLEQDLASMPREFRGLLKDAQT
 QLVGLHAKQEEL VQQTVSLTSTLQQDWRSMLDYTTWTALLSRSRQLTEKLTVKS
 QQALQERDVAIEEKQEVSRVLEQVSAQ LEECKGQTEQLELENSRLATDLRAQLQIL
 ANMDSQLKELQSQHTHCAQDLAMKDELLCQLTQSNEEQAAQ WQKEEMALKHMQA
 ELQQQQAVLAKEVRDLKETLEFADQENQVAHLELGQVECQLKTTLEVLRLERSLQCE
 N LKDTVENLTAKLASTIADNQEQLKTRQYSQKLGLLTEQLQSLTLFLQTKLKEKTE
 QETLLLSTACPPT QEHPLPNDRTFLGSILTAVADEEPESTPVPLLGSDKSAFTRVAS
 MVSLQPAETPGMEESLAEMSIMTTEL QSLCSLLQESKEEAIRTLQRKICELQARLQA
 QEEQHQEVQKAKEADIEKLNQALCLRYKNEKELQEVQQ QNEKILEQIDKSGELISLR
 EEVTHLTRSLRRAETETKVLQEALAGQLDSNCQPMATNWIQEKVWLSQEVD KLRV
 MFLEMKNEKEKLMIKFQSHRNILEENLRRSDKELEKLDDIVQHIYKTLLSIPEVVRGCK
 ELQGLLE
 FLSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Stem cell - Pluripotency
Full Length	Full L.

GENE INFORMATION

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

Official Symbol SPAG5

Synonyms MAP126; DEEPEST; hMAP126

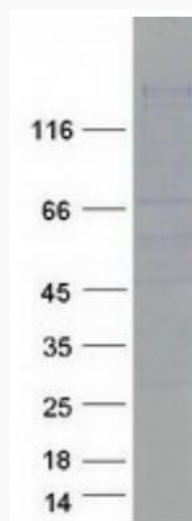
Gene ID 10615

mRNA Refseq NM_006461.4

Protein Refseq NP_006452.3

MIM 615562

UniProt ID Q96R06



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Coomassie blue staining of purified SPAG5 protein.

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