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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SPAG6 (Human) Recombinant Protein (P01)

Catalog Number: H00009576-P01

Regulation Status: For research use only (RUO)

Product Description: Human SPAG6 full-length ORF (AAH30585, 1 a.a. - 458 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSQRQVLQVFEQYQKARTQFVQMVAELATRPQNIETL
QNAGVMSLLRLLLLDVVPTIQQIAALALGRLANYNDDL
AEAVVKCDILPQLVYSLAEQNRFYKAAAFVLRVGVKH
SPQLAQAIVDCGALDTLVICLEDFDPGVKEAAAWALRY
IARHNAELSQAVVDAGAVPLLVLICIQEPEIALKGAASAL
SDIVKHSPELAQTVDAGAVAHLAQMILNPDACLKHQI
LSALSQVSKHSVDLAEMVVEAEIFPVVLTCLKDKDEYV
KKNASTLIREIAKHTPELSQLVVNAGGVAVIDCIGSCK
GNTRLPGIMMLGYVAAHSENLAMAVIISKGVPLSVCL
SEEPEDHIKAAAALWALGQIGRHTPEHARAVAVTNTLPV
LLSLYMSTESSEDLQVSKKAIKNIKCTYLPALPFL
YDAPPNILKHVVGQFSKVLFPWIFRYTSAEGGQLSTT

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 76.12

Interspecies Antigen Sequence: Mouse (96); Rat (95)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9576

Gene Symbol: SPAG6

Gene Alias: DKFZp434I153, MGC26276, Repro-SA-1, pf16

Gene Summary: The correlation of anti-sperm antibodies with cases of unexplained infertility implicates a role for these antibodies in blocking fertilization. Improved diagnosis and treatment of immunologic infertility, as well as identification of proteins for targeted contraception, are dependent on the identification and characterization of relevant sperm antigens. The protein expressed by this gene is recognized by anti-sperm antibodies from an infertile man. This protein localizes to the tail of permeabilized human sperm and contains eight contiguous armadillo repeats, a motif known to mediate protein-protein interactions. Studies in mice suggest that this protein is involved in sperm flagellar motility and maintenance of the structural integrity of mature sperm. Alternatively spliced variants that encode different protein isoforms have been described but the full-length sequences of only two have been determined. [provided by RefSeq]