

Product datasheet for **TP519050**

Spata5 (NM_001163511) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse spermatogenesis associated 5 (Spata5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR219050 representing NM_001163511
Red=Cloning site **Green**=Tags(s)

MSSKKNRKRQKEGASPSLSAAPSRSSTPFAQPSPAAPGMLVVTNFLEKVDGKVPKTFQNSLVHLG
LNTMKSANICIGRPVLLTSLDGKQEVYTAWPVAGFPGGKVGLEMAQKNVGVRAGETIQVQPLLGAVLQA
QEMDLALSDKDKEINEEELTGILRKLDGKIVLPGNFLYCTFYGRCLQLVQLVQKGTDTGLKLQSASG
TDAQGMASEHSSMESSDVLSFQLSQLDLKEPQSPSSQSTPCKPTNDRTVKNAGEVLLDVTQSPRDGSG
L
GLEESTGLKCSFDSSKEGNTQPVSEEKLLKPASAGTKSNTDTFYFISSTTRINLRKICTNSKEQDSQFKV
TYDMIGGLNSQLKAIREIIEPLKQPELFKSYGIPAPRGLLLYGPPGTGKTMIARAVANEVGAYVSVING
PEISKFYGETEARLRQIFAEATLRHPSIIFIDELDALCPKREGAQSEVEKRVVASLLTMDGIGSEGSE
GRVLVLGATNRPQALDAALRRPGRFDKEIEIGIPNAQDRLDILQKLLRRVPHLLTKAELLRLANNAHGYV
GADLKALCNEAGLHALRRVLRKQPNLPDSKVAGMVKITLNDFLQGMNDIRPSAMREVAIDVPNVSWSDI
G
GLENIKLKLKQAVEWPLKHPKSFNRMGIQPPKGVLLYGPPGCSKTMIKALANESGLNFLAIKGPPELMNK
YVGESERAVREIFRKARAVAPSIIFDELDAVERGSSSGAGNVADRVLAQLLTEMGIEQLKNVTVLA
ATNRPDRIDKALMRPGRIDRIYVPLPDAATRREILNLQFHSMPISEVDLDELVLQTDITYSGAEIIAVC
KEAALLALEENIKADCIMKRHFTQALSIVTPRIPESLRRFYEDYQEKSGLHTV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 97.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

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

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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 after receiving vials.
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:	<u>NP_001156983</u>
Locus ID:	57815
UniProt ID:	<u>Q3UMC0</u>
RefSeq Size:	3258
Cytogenetics:	3 B
RefSeq ORF:	2679
Synonyms:	2510048F20Rik; C78064; Spaf
Summary:	ATP-dependent chaperone which uses the energy provided by ATP hydrolysis to generate mechanical force to disassemble protein complexes (By similarity). May be involved in morphological and functional mitochondrial transformations during spermatogenesis (PubMed:10734318).[UniProtKB/Swiss-Prot Function]