

Recombinant Human SPATA7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SPATA7-1616H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SPATA7 MS Standard C13 and N15-labeled recombinant protein (NP_001035518) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene, originally isolated from testis, is also expressed in retina. Mutations in this gene are associated with Leber congenital amaurosis and juvenile retinitis pigmentosa. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	64.2 kDa
AA Sequence	MDGSRRVRATSVLPTRYGPPCLFKGHLSTKSNAAVDCSVPVSVSTSIKYADQQRREK LKKELAQCEKEFKLTKTAMRANYKNNSKSLFNTLQKPSGEPQIEDDMLKEEMNGFS SFARSLVPSSERLHLSLHKSSKVITNGPEKNSSSSPSSVDYAASGPRKLSSGALYGR RPRSTFPNSHRFQLVISKAPSGDLLDKHSELFSENKQLPFTPRTLKTEAKSFLSQYRY YTPAKRKKDFTDQRIEAEQTELSFKSELGTAETKNMTDSEMNIKQASNCVTYDAKE KIAPLPLEGHDSTWDEIKDDALQHSSPRAMCQYSLKPPSTRKIYSDEEELLYLSFIED VTDEILKLGLFSNRFLERLFRERHIKQNKHLEEEKMRHLLHVLKVDLGCTSEENSVKQN DVDMLNVDFEFKAGNSEPNELKNESEVTIQQERQQYQKALDMLLSAPKDENEIFPS PTEFFMPIYKSKHSEGVIIQQVNDETNLETSTLDENHPSISDSLTDRETSVNVIEGDSD

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	PEKVEISNGLCGLNTSPSQSVQFSSVKGDNNHDMELSTLKIMEMSIEDCPLDVTRTR PLEQKLISEEDLAANDILDYKDDDDKV
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	SPATA7 spermatogenesis associated 7 [Homo sapiens (human)]
Official Symbol	SPATA7
Synonyms	SPATA7; spermatogenesis associated 7; HSD3; LCA3; HSD-3.1; HEL-S-296; spermatogenesis-associated protein 7; epididymis secretory protein Li 296; epididymis secretory sperm binding protein; spermatogenesis-associated protein HSD3
Gene ID	55812
mRNA Refseq	NM_001040428
Protein Refseq	NP_001035518

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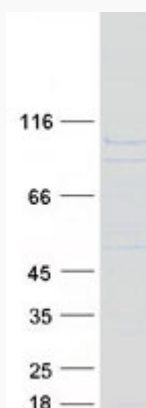
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MIM 609868

UniProt ID Q9P0W8

SDS-PAGE



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