

Recombinant Full Length Human SPATA7 Protein, GST-tagged

Cat. No. SPATA7-3743HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human SPATA7 full-length ORF (NP_001035518.1, 1 a.a. - 567 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	567 amino acids
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.
Form	Liquid
Molecular Mass	90.6 kDa
AA Sequence	MDGSRRVRATSVLPARYGPPCLFKGHLSTKSNAAVDCSVPVSVSTSIKYADQQRREK LKKELAQCEKEFKLTKTAMRANYKNNKSLFNTLQKPSGEPQIEDDMLKEEMNGFS SFARSLVPSSERLHLSLHKSSKVITNGPEKNSSSSPSSVDYAASGPRKLSSGALYGR RPRSTFPNSHRFQLVISKAPSGDLLDKHSELFSENKQLPFTPRTLKTEAKSFLSQYRY YTPAKRKKDFTDQRIEAEQTELSFKSELGTAETKNMTDSEMNIKQASNCVTYDAKE KIAPLPLEGHDSTWDEIKDDALQHSSPRAMCQYSLKPPSTRKIYSDEEELLYLSFIED VTDEILKLGLFSNRFLERLFRERHIKQNKHLEEEKMRHLLHVLKVDLGTSEENSVKQN

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DVDMLNVDFEKGAGNSEPNELKNESEVTIQQERQQYQKALDMLLSAPKDENEIFPS
 PTEFFMPIYKSKHSEGVIIQQVNDETNLETSTLDENHPSISDSLTDRETSVNVIEGDSD
 PEKVEISNGLCGLNTSPSQSVQFSSVKGDNNHDMELSTLKIMEMSIEDCPLDV

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name SPATA7 spermatogenesis associated 7 [Homo sapiens (human)]

Official Symbol SPATA7

Synonyms HSD3; LCA3; HSD-3.1; HEL-S-296

Gene ID 55812

mRNA Refseq NM_001040428.1

Protein Refseq NP_001035518.1

MIM 609868

UniProt ID Q9P0W8

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