

Recombinant Human SPATA7 Protein, GST-tagged

Cat. No. SPATA7-2307H 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	Wheat Germ
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	<p>MDGSRVRATSVLPRYGPPCLFKGHLSTKSNAAVDCSVPVSVSTSIKYADQQRREK LKKELAQCEKEFKLTKTAMRANYKNNSKSLFNTLQKPSGEPQIEDDMLKEEMNGFS SFARSLVPSSERLHLSLHKSSKVITNGPEKNSSSSPSSVDYAASGPRKLSSGALYGR RPRSTFPNSHRFQLVISKAPSGDLLDKHSELSNKQLPFTPRTLKTEAKSFLSQYRY YTPAKRKKDFTDQRIEAETQTELSFKSELGTAETKNMTDSEMNIKQASNCVTYDAKE KIAPLPLEGHDSTWDEIKDDALQHSSPRAMCQYSLKPPSTRKIYSDEEELLYLSFIED VTDEILKLGLFSNRFLERLRFERHIKQNKHLEEEKMRHLLHVLKVDLGTSEENSVKQN DVDMLNVDFEKGAGNSEPNELKNESEVTIQQERQQYQKALDMLLSAPKDENEIFPS PTEFFMPIYKSKHSEGVIIQQVNDDETNETSTLDENHPSISDSLTDRETSVNVIEGDSD</p>

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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 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA