

Product datasheet for PH310350

SPATA7 (NM_001040428) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SPATA7 MS Standard C13 and N15-labeled recombinant protein (NP_001035518)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210350
Predicted MW:	64.2 kDa
Protein Sequence:	>RC210350 protein sequence Red=Cloning site Green=Tags(s)

MDGSRVRATSVLPRYGPPCLFKGHLSTKSNAAVDCSVPVSVSTSIKYADQQRREKLKKELAQCEKEFKL
TKTAMRANYKNNKSLFNTLQKPSGEPQIEDMLKEEMNGFSSFARSLVPSSERLHLHLKSSKVVITNGP
EKNSSSPSSVDYAASGPRKLSGALYGRPRSTFPNSHRFQLVISKAPSGDLLDKHSELSNKLQFPFTP
RTLKTEAKSFLSQYRYTPAKRKKDFTDQRIEAEQTQELSFKSELGTAETKNMMDSEMNIKQASNCVTD
AKEKIAPLPLEGHDSTWDEIKDDALQHSSPRAMCQYSLKPPSTRKIYSDEEELLVLSFIEDVTDEILKLG
LFSNRFLERL FERHIKQNKHLEEEKMRHLLHVLKVDLGCTSEENSVKQNDVMDLNVDFEKAGNSEPNEL
KNESEVTIQQERQYQKALDMLLSAPKDENEIFPSPTFFMPIYKSKHSEGVIIQQVNDENLETSTLDE
NHPSISDSLTDRETSVNVIEGSDPEKVEISNGLCGLNTSPSQSVQFSSVKGDNNHDMELSTLKIMEMSI
EDCPLDV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001035518
RefSeq Size:	1935
RefSeq ORF:	1701



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

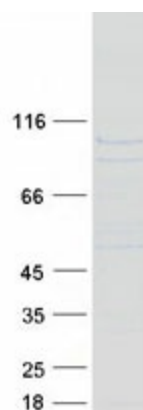
Locus ID: 55812

UniProt ID: [Q9P0W8](#)

Cytogenetics: 14q31.3

Summary: 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. [provided by RefSeq, May 2010]

Product images:



Coomassie blue staining of purified SPATA7 protein (Cat# [TP310350]). The protein was produced from HEK293T cells transfected with SPATA7 cDNA clone (Cat# [RC210350]) using MegaTran 2.0 (Cat# [TT210002]).