

## Product datasheet for PH314119

### DNAJB13 (NM\_153614) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	DNAJB13 MS Standard C13 and N15-labeled recombinant protein (NP_705842)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214119
Predicted MW:	35.9 kDa
Protein Sequence:	>RC214119 representing NM_153614 Red=Cloning site Green=Tags(s)  MGQDYYSVLGITRNSDAQIKQAYRRLALKHHPLKSNEPSSAEIFRQIAEAYDVLSDPMKRGYDKFGEE GLKGGIPLEFGSQTPTWTTGYVFHGKPEKVFHEFFGGNNPFSEFFDAEGSEVDLNFGLQGRGVKKQDPQV ERDLYLSLEDLFFGCTKKIKISRRVLNEDGYSSTIKDKILTIDVKPGWRQGTRITFEKEGDQGPNIIPAD IIFIVKEKLHPRFRRENDNLFFVNIPLGKALTCCTVEVRTLDDRLLNIPINDIIHPKYFKKVPGEAMPL PEDPTKKGDLFIFFDIQFPTRLTPQKKQMLRQALLT  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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_705842</a>
RefSeq Size:	1875
RefSeq ORF:	948
Synonyms:	CILD34; RSPH16A; TSARG5; TSARG6
Locus ID:	374407



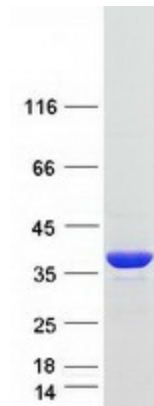
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UniProt ID: [P59910](#)

Cytogenetics: 11q13.4

**Summary:** This gene encodes a member of the heat shock protein 40 co-chaperone family which is produced in large amounts in the testis and is located on the radial spokes of the axoneme in human sperm flagella and other flagellar structures. The encoded protein associates with the sperm annulus, as part of the septin complex, through direct interaction with septin 4, during sperm terminal differentiation. Naturally occurring mutations in this gene are associated with primary ciliary dyskinesia and male infertility. [provided by RefSeq, Apr 2017]

### Product images:



Coomassie blue staining of purified DNAJB13 protein (Cat# [TP314119]). The protein was produced from HEK293T cells transfected with DNAJB13 cDNA clone (Cat# [RC214119]) using MegaTran 2.0 (Cat# [TT210002]).