

## Product datasheet for PH308826

### CSP (DNAJC5) (NM\_025219) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	DNAJC5 MS Standard C13 and N15-labeled recombinant protein (NP_079495)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208826
Predicted MW:	22 kDa
Protein Sequence:	>RC208826 representing NM_025219 Red=Cloning site Green=Tags(s)  MADQRQRSLSTSGESLYHVLGLDKNATSDDIKKSyrKLALKYHPDKNPDPNPEAADKFKEINNAHAILTDA TKRNIYDKYGSLGLYVAEQFGEENVNTYFVLSWWAKALFVFCGLLTCCYCCCCLCCCFNCCCGKCKPKA PEGEETEFYVSPEDLEAQLQSDEREATDTPIVIQPASATETTQLTADSHPSYHTDGFN  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_079495</a>
RefSeq Size:	3286
RefSeq ORF:	594
Synonyms:	CLN4; CLN4B; CSP; DNAJC5A; mir-941-2; mir-941-3; mir-941-4; mir-941-5; NCL
Locus ID:	80331
UniProt ID:	<a href="#">Q9H3Z4</a> , <a href="#">Q6AHX3</a>



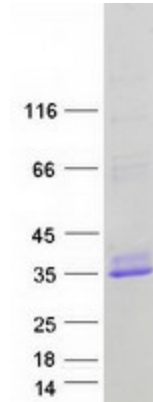
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**Cytogenetics:** 20q13.33

**Summary:** This gene is a member of the J protein family. J proteins function in many cellular processes by regulating the ATPase activity of 70 kDa heat shock proteins. The encoded protein plays a role in membrane trafficking and protein folding, and has been shown to have anti-neurodegenerative properties. The encoded protein is known to play a role in cystic fibrosis and Huntington's disease. A pseudogene of this gene is located on the short arm of chromosome 8. [provided by RefSeq, Nov 2010]

**Protein Families:** Transmembrane

**Product images:**



Coomassie blue staining of purified DNAJC5 protein (Cat# [TP308826]). The protein was produced from HEK293T cells transfected with DNAJC5 cDNA clone (Cat# [RC208826]) using MegaTran 2.0 (Cat# [TT210002]).