

## Product datasheet for PH300216

### DNAJB11 (NM\_016306) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	DNAJB11 MS Standard C13 and N15-labeled recombinant protein (NP_057390)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200216
Predicted MW:	40.5 kDa
Protein Sequence:	>RC200216 protein sequence Red=Cloning site Green=Tags(s)
	MAPQNLSTFCLLLLYLIGAVIAGRDFYKILGVPRASASIKDIKKAYRKLALQLHPDRNPDDPQAQEKFQDL GAAYEVLSDSEKRKQYDTYGEEGLKDGHQSSHGDI FSHFFGDFGFMGGTQRQDRNIPRGSDIIVDLEV TLEEVYAGNFVEVVRNKPVARQAPGKRKCNCRQEMRTTQLGPRGFQMTQEVCPCPNVCLVNEERTLEV EIEPGVRDGMIEYPIGEGEPHVDGEPGDLRFRIKVVKHPIFERRGDDLYTNVTISLVESLVGFEMDITHL DGHKVHISRDKITRPGAKLWKKGEGLPNFDNNNIKGSLIITFDVDFPKEQLTEEAREGIKQLLKQGSVQK VYNGLQGY
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_057390</a>
RefSeq Size:	1698
RefSeq ORF:	1074
Synonyms:	ABBP-2; ABBP2; Dj-9; DJ9; EDJ; ERdj3; ERj3; ERj3p; PKD6; PRO1080; UNQ537
Locus ID:	51726



[View online »](#)

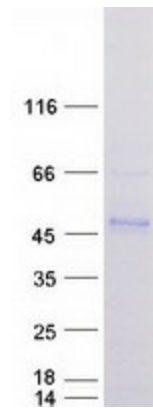
UniProt ID: [Q9UBS4](#)

Cytogenetics: 3q27.3

**Summary:** This gene encodes a soluble glycoprotein of the endoplasmic reticulum (ER) lumen that functions as a co-chaperone of binding immunoglobulin protein, a 70 kilodalton heat shock protein chaperone required for the proper folding and assembly of proteins in the ER. The encoded protein contains a highly conserved J domain of about 70 amino acids with a characteristic His-Pro-Asp (HPD) motif and may regulate the activity of binding immunoglobulin protein by stimulating ATPase activity. [provided by RefSeq, Mar 2014]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified DNAJB11 protein (Cat# [TP300216]). The protein was produced from HEK293T cells transfected with DNAJB11 cDNA clone (Cat# [RC200216]) using MegaTran 2.0 (Cat# [TT210002]).