

Product datasheet for PH301620

DNAJB6 (NM_005494) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DNAJB6 MS Standard C13 and N15-labeled recombinant protein (NP_005485)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201620
Predicted MW:	26.9 kDa
Protein Sequence:	>RC201620 protein sequence Red=Cloning site Green=Tags(s) MVDYYEVLGVQRHASPEDIKKAYRKLALKWHPDKNPENKEEAERKFKQVAEAYEVLSDAKKRDIYDKYGK EGLNNGGGGGSHFDSPFDFGFTFRNPDDVFREFFGGRDPFSDFDFDPFEDFFGNRRGPRGSRSRGTGSF FSAFSGFSPFSGFSSFDTGFTSFGSLGHGGLTSFSSTSFGGSGMGNFKSISTSTKMVNGRKITTKRIVE NGQERVEVEEDGQLKSLTINGKEQLLRDNLK 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_005485
RefSeq Size:	1568
RefSeq ORF:	723
Synonyms:	DJ4; DnaJ; HHDJ1; HSJ-2; HSJ2; LGMD1D; LGMD1E; LGMDD1; MRJ; MSJ-1
Locus ID:	10049
UniProt ID:	O75190

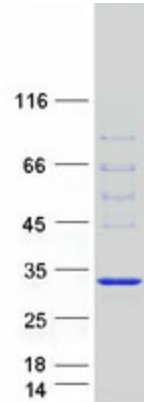


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Cytogenetics: 7q36.3

Summary: This gene encodes a member of the DNAJ protein family. DNAJ family members are characterized by a highly conserved amino acid stretch called the 'J-domain' and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly. This family member may also play a role in polyglutamine aggregation in specific neurons. Alternative splicing of this gene results in multiple transcript variants; however, not all variants have been fully described. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified DNAJB6 protein (Cat# [TP301620]). The protein was produced from HEK293T cells transfected with DNAJB6 cDNA clone (Cat# [RC201620]) using MegaTran 2.0 (Cat# [TT210002]).