

Product datasheet for PH306769

DNAJB2 (NM_001039550) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DNAJB2 MS Standard C13 and N15-labeled recombinant protein (NP_001034639)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206769
Predicted MW:	30.6 kDa
Protein Sequence:	>RC206769 protein sequence Red=Cloning site Green=Tags(s)

MASYEILDVPRSASADDIKKAYRRKALQWHPDKNPDNKEFAEKKFKEVAEAYEVLSDKHKREIYDRYGR
EGLTGTGTGPSRAEAGSGGPGFTTFRSPEEVFREFFGSGDPFAELFDDLGPFSSELQNRGSRHSGPFFTF
SSSFPGHSDFSSSSFSPGAGAFRSVSTSTTFVQRRITTRRIMENGQERVEVEEDGQLKSVTINGVPD
DLALGLELSRREQQPSVTSRSGGTQVQQTPASCPLDSDLSEDEDLQLAMAYSLSEMAAGKPPADVF

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_001034639
RefSeq Size:	1978
RefSeq ORF:	831
Synonyms:	CMT2T; DSMA5; HSJ-1; HSJ1; HSPF3
Locus ID:	3300
UniProt ID:	P25686

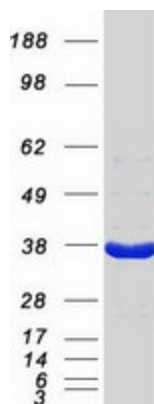


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Cytogenetics: 2q35

Summary: This gene is almost exclusively expressed in the brain, mainly in the neuronal layers. It encodes a protein that shows sequence similarity to bacterial DnaJ protein and the yeast homologs. In bacteria, this protein is implicated in protein folding and protein complex dissociation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2011]

Product images:



Coomassie blue staining of purified DNAJB2 protein (Cat# [TP306769]). The protein was produced from HEK293T cells transfected with DNAJB2 cDNA clone (Cat# [RC206769]) using MegaTran 2.0 (Cat# [TT210002]).