

Product datasheet for PH303743

DNAJB4 (NM_007034) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DNAJB4 MS Standard C13 and N15-labeled recombinant protein (NP_008965)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203743
Predicted MW:	37.8 kDa
Protein Sequence:	>RC203743 protein sequence Red=Cloning site Green=Tags(s) MGKDYYCILGIEKGASDEDIKKAYRKQALKFHPDNKSPQAEKFKVEAEAYEVLSDPKKREIYDQFGEE GLKGGAGGTDGQGGTFRYTFHGDPHATFAAFFGGSNPFIEFFGRRMGGGRDSEEMEIDGDPFSAFGFSMN GYPRDRNSVGPSRLKQDPPVIHELRLVSLLEIYSGCTKRMKISRKRLNADGRSYRSEDKILTIEIKKGWKE GTKITFPREGDETPNSIPADIVFIIKDKDHPKFKRDGSNIYTAKISLREALCGCSINVPTLDGRNIPMS VNDIVKPGMRRRIIGYGLPFPKNPDQRGDLLIEFEVSFPDTISSSSKEVLRKHLPAS 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- 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:	<u>NP_008965</u>
RefSeq Size:	2250
RefSeq ORF:	1011
Synonyms:	DjB4; DNAJW; HLJ1
Locus ID:	11080



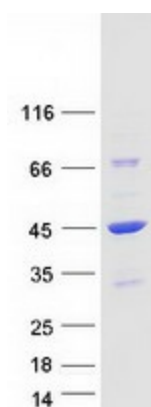
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UniProt ID: [Q9UDY4](#)

Cytogenetics: 1p31.1

Summary: The protein encoded by this gene is a molecular chaperone, tumor suppressor, and member of the heat shock protein-40 family. The encoded protein binds the cell adhesion protein E-cadherin and targets it to the plasma membrane. This protein also binds incorrectly folded E-cadherin and targets it for endoplasmic reticulum-associated degradation. This gene is a strong tumor suppressor for colorectal carcinoma, and downregulation of it may serve as a good biomarker for predicting patient outcomes. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]

Product images:



Coomassie blue staining of purified DNAJB4 protein (Cat# [TP303743]). The protein was produced from HEK293T cells transfected with DNAJB4 cDNA clone (Cat# [RC203743]) using MegaTran 2.0 (Cat# [TT210002]).