

Product datasheet for PH304154

DNAJC7 (NM_003315) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DNAJC7 MS Standard C13 and N15-labeled recombinant protein (NP_003306)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204154
Predicted MW:	56.4 kDa
Protein Sequence:	>RC204154 protein sequence Red=Cloning site Green=Tags(s)

MAAAAECDVVMAATEPELLDDQEAKREAETFKEQGNAYYAKKDYNEAYNYTKAIDMCPKNASYYGNRAA
TLMMLGRFREALGDAQQSVRLDDSFVRGHLREGKCHLSLGNAMAACRSFQRALELDHKNAQAQQEFKNAN
AVMEYEKIAETDFEKRFKRVVFCMDRALEFAPACHRFKILKAECLAMLGYPEAQSVDILRMDSTNA
DALYVRGLCLYYEDCIEKAVQFFVQALRMAPDHEKACIACRNAKALKAKKEDGNKAFKEGNYKLAYELYT
EALGIDPNNIKTNAKLYCNRGTVNSKLRKLDDAIEDCTNAVKLDDTYIKAYLRRACQYMDTEQYEEAVRD
YEKVVYQTEKTKEHKQLLKNAQLELKKSRKDYKILGVDKNASEDEIKKAYRKRALMHPDRHSGASAEV
QKEEEKKFKEVGEAFTILSDPKKKTRYDSGQDLDEEGMNMGDFDPNNIFKAFFGGPGGFSFEASGPGNFF
FQFG

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:	<u>NP_003306</u>
RefSeq Size:	2096
RefSeq ORF:	1485



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Synonyms: DJ11; DJC7; TPR2; TTC2

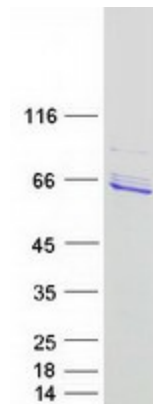
Locus ID: 7266

UniProt ID: [Q99615](#)

Cytogenetics: 17q21.2

Summary: This gene encodes a member of the DNAJ heat shock protein 40 family of proteins that is characterized by two N-terminal tetratricopeptide repeat domains and a C-terminal DNAJ domain. This protein binds the chaperone proteins heat shock proteins 70 and 90 in an ATP-dependent manner and may function as a co-chaperone. Pseudogenes of this gene are found on chromosomes 1 and 6. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Oct 2009]

Product images:



Coomassie blue staining of purified DNAJC7 protein (Cat# [TP304154]). The protein was produced from HEK293T cells transfected with DNAJC7 cDNA clone (Cat# [RC204154]) using MegaTran 2.0 (Cat# [TT210002]).