

Product datasheet for PH311118

DNAJC1 (NM_022365) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DNAJC1 MS Standard C13 and N15-labeled recombinant protein (NP_071760)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211118
Predicted MW:	63.9 kDa
Protein Sequence:	>RC211118 protein sequence Red=Cloning site Green=Tags(s)

MTAPCSQPAQLPGRRLGLVPFPFPPPPRTPLLWLLLLLLAAVAPARGWESGDLELFDLVEEVQLNFIYQFL
GVQQDASSADIRKAYRKLSTLHPDKNKDENAETQFRQLVAIYEVVKDDERRQRYDDILINGLPDWRQPV
FYYRRVRKMSNAELALLLFIILTVGHYAVVWSIYLEKQLDELLSRKKREKKKKTGSKSVDVSKLGASEKN
ERLLMKPQWHDLLPCKLGIWFCLTLKALPHLIQDAGQFYAKYKETRLKEKEDALTRTELETQKQKKVKK
PKPEFPVYTPLETTYIQSYDHGTSIEEIEEQMDDWLENRNRTQKKQAPEWTEEDLSQLTRSMVKFPGGTP
GRWEKIAHELGRSVTDVTTKAKQLKDSVTCSPGMVRLSELKSTVQNSRPKATATLPDDMITQREDAEGV
AAEEEQEGDSGEQETGATDARPRRRKPARLLEATAKPEPEEKSRAKRQKDFDIAEQNESSDEESLRKERA
RSAEEPWTQNQQKLELALQQYPRGSSDRWDKIARCVPSKSKEDCIARYKLLVELVQKKQAKS

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_071760</u>
RefSeq Size:	2213
RefSeq ORF:	1662



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Synonyms: DNAJL1; ERdj1; HTJ1; MTJ1

Locus ID: 64215

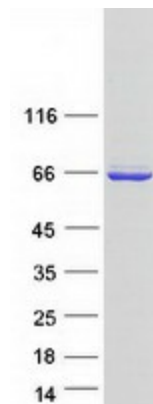
UniProt ID: [Q96KC8](#)

Cytogenetics: 10p12.31

Summary: The membrane protein encoded by this gene is a DNAJ-like heat shock protein that binds the molecular chaperone BiP. In addition, the encoded protein contains two SANT domains that have been shown to bind serpin alpha1-antichymotrypsin and inter-alpha trypsin inhibitor heavy chain 4. [provided by RefSeq, Jul 2016]

Protein Families: Transcription Factors, Transmembrane

Product images:



Coomassie blue staining of purified DNAJC1 protein (Cat# [TP311118]). The protein was produced from HEK293T cells transfected with DNAJC1 cDNA clone (Cat# [RC211118]) using MegaTran 2.0 (Cat# [TT210002]).