

Product datasheet for PH302204

DNAJA2 (NM_005880) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DNAJA2 MS Standard C13 and N15-labeled recombinant protein (NP_005871)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202204
Predicted MW:	45.7 kDa
Protein Sequence:	>RC202204 protein sequence Red=Cloning site Green=Tags(s)
	MANVADTKLYDILGVPPGASENELKKAYRKLAKAYHPDKNPAGDKFKEISFAYEVLNPEKRELYDRYG EQGLREGSGGGGMDIFSHIFGGGLFGFMGNQSRNRNGRRRGGEDMMHPLKVSLEDLYNGKTTKLQLSKN VLCSCASGQGGKSGAVQKCSACRGRGVRIMIRQLAPGMVQMQSVSDCNGEGEVINEKDRCKKCEGKKV IKEVKILEVHVDKGMKHGQRITFTGEADQAPGVEPGDIVLLLQEKEHEVFQRDGNLHMTYKIGLVEALC GFQFTFKHLDGRQIVVKYPPGKVIIEPGCVRVVRGEGMPQYRNPFEKGDLYIKFDVQFPENNWINPKLSE LEDLLPSRPEVPNIIGETEEVELQEFDSTRGSGGQRREAYNDSSDEESSHHGPGVQCAHQ
	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:	NP_005871
RefSeq Size:	3066
RefSeq ORF:	1236
Synonyms:	CPR3; DJ3; DJA2; DNAJ; DNJ3; HIRIP4; PRO3015; RDJ2
Locus ID:	10294



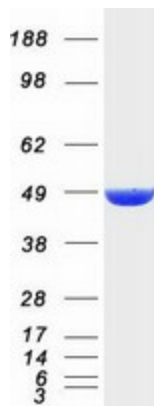
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UniProt ID: [O60884](#), [A0A024R6S1](#)

Cytogenetics: 16q11.2

Summary: The protein encoded by this gene belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus; a glycine/phenylalanine (G/F)-rich region; and a cysteine-rich domain containing 4 motifs resembling a zinc finger domain. The product of this gene works as a cochaperone of Hsp70s in protein folding and mitochondrial protein import in vitro. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified DNAJA2 protein (Cat# [TP302204]). The protein was produced from HEK293T cells transfected with DNAJA2 cDNA clone (Cat# [RC202204]) using MegaTran 2.0 (Cat# [TT210002]).