

## Product datasheet for **TP302204M**

### DNAJA2 (NM\_005880) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Dnaj (Hsp40) homolog, subfamily A, member 2 (DNAJA2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202204 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MANVADTKLYDILGVPPGASENELKKAYRKLAKKEYHPDKPNAGDKFKEISFAYEVLNSNPEKRELYDRYG EQGLREGSGGGGGMDDIFSHIFGGGLFGFMGNQSRSRNGRRRGEDMMHPLKVSLEDLYNGKTTKLQLSKN VLC SACSGQGKSGAVQKCSACRGRGVRIMIRQLAPGMVQMQSVCSDCNGEGEVINEKDRCKKCEGKKV IKEVKILEVHVDKGMKHGQRITFTGEADQAPGVEPGDIVLLQEKHEVVFQRDGNDLHMTYKIGLVEALC GFQFTFKHLDGRQIVVKYPPGKVIIEPGCVRVVRGEGMPQYRNPFEKGDLYIKFDVQFPENNWINPDKLSE LEDLLPSRPEVPNIIGETEEVELQEFDSTRGSGGGQRREAYNDSSDEESSHHGPGVQCAHQ</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	45.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_005871</a>
Locus ID:	10294



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

RefSeq Size: 3066

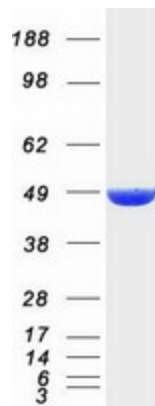
Cytogenetics: 16q11.2

RefSeq ORF: 1236

Synonyms: CPR3; DJ3; DJA2; DNAJ; DNJ3; HIRIP4; PRO3015; RDJ2

**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]).