Recombinant Full Length Human DNAJA2 Protein, C-Flag-tagged

Cat. No. DNAJA2-1657HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human DNAJA2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	45.6 kDa
AA Sequence	MANVADTKLYDILGVPPGASENELKKAYRKLAKEYHPDKNPNAGDKFKEISFAYEVL SNPEKRELYDRYG EQGLREGSGGGGGMDDIFSHIFGGGLFGFMGNQSRSRNGRR RGEDMMHPLKVSLEDLYNGKTTKLQLSKN VLCSACSGQGGKSGAVQKCSACRGR GVRIMIRQLAPGMVQQMQSVCSDCNGEGEVINEKDRCKKCEGKKV IKEVKILEVHV DKGMKHGQRITFTGEADQAPGVEPGDIVLLLQEKEHEVFQRDGNDLHMTYKIGLVE

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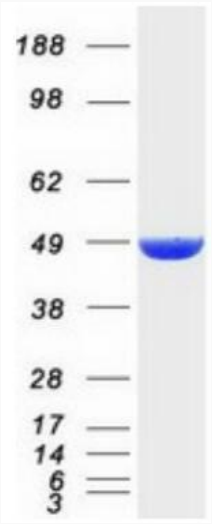
	ALC GFQFTFKHLDGRQIVVKYPPGKVIEPGCVRVVRGEGMPQYRNPFEKGDLYIKF DVQFPENNWINPDKLSE LEDLLPSRPEVPNIIGETEEVELQEFDSTRGSGGGQRREAYNDSSDEESSSHHGPG VQCAHQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	DNAJA2 DnaJ heat shock protein family (Hsp40) member A2 [Homo sapiens (human)]
Official Symbol	DNAJA2
Synonyms	DJ3; CPR3; DJA2; DNAJ; DNJ3; RDJ2; HIRIP4; PRO3015
Gene ID	10294
mRNA Refseq	NM_005880.4

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Protein Refseq	NP_005871.1
MIM	611322
UniProt ID	O60884



Coomassie blue staining of purified DNAJA2 protein.

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