Recombinant Human DNAJA2 Protein, GST-tagged

Cat. No. DNAJA2-2726H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNAJA2 full-length ORF (AAH13044, 1 a.a. - 412 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2008]
Molecular Mass	71.06 kDa
AA Sequence	MANVADTKLYDILGVPPGASENELKKAYRKLAKEYHPDKNPNAGDKFKEISFAYEVL SNPEKRELYDRYGEQGLREGSGGGGGMDDIFSHIFGGGLFGFMGNQSRSRNGRR RGEDMMHPLKVSLEDLYNGKTTKLQLSKNVLCSACSGQGGKSGAVQKCSACRGR GVRIMIRQLAPGMVQQMQSVCSDCNGEGEVINEKDRCKKCEGKKVIKEVKILEVHV DKGMKHGQRITFTGEADQAPGVEPGDIVLLLQEKEHEVFQRDGNDLHMTYKIGLVE ALCGFQFTFKHLDGRQIVVKYPPGKVIEPGCVRVVRGEGMPQYRNPFEKGDLYIKF

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	DVQFPENNWINPDRLSELEDLLPSRPEVPNIIGETEEVELQEFDSTRGSGGGQRREA YNDSSDEESSSHHGPGVQCAHQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DNAJA2 DnaJ (Hsp40) homolog, subfamily A, member 2 [Homo sapiens]
Official Symbol	DNAJA2
Synonyms	DNAJA2; DnaJ (Hsp40) homolog, subfamily A, member 2; dnaJ homolog subfamily A member 2; CPR3; DNAJ; DNJ3; HIRIP4; HIRA interacting protein 4; HIRA-interacting protein 4; cell cycle progression 3 protein; renal carcinoma antigen NY-REN-14; cell cycle progression restoration gene 3 protein; DJ3; DJA2; RDJ2; PRO3015;
Gene ID	10294
mRNA Refseq	NM_005880
Protein Refseq	NP_005871

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MIM	611322
UniProt ID	O60884
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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