

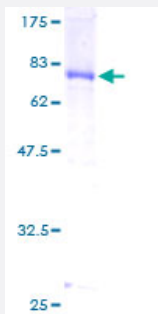
Full-Length

DNAJA2 (Human) Recombinant Protein (P01)

Catalog # H00010294-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DNAJA2 full-length ORF (AAH13044, 1 a.a. - 412 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MANVADTKLYDILGVPPGASENELKKAYRKLAKKEYHPDKNPNAGDKFKEISFAYEVLSNPEKREL
YDRYGEQGLREGSGGGGGMDDIFSHIFGGGLFGFMGNQSRSRNGRRRGEDMMHPLKVSLEDLY
NGKTTKLQLSKNVLCSSGSGGGKSGAVQKCSACRGRGVRIMIRQLAPGMVQQMQSVCSDCN
GEGEVINEKDRCKKCEGKKVKEVKILEVHVDKGMKHGQRITFTGEADQAPGVEPGDIVLLLQEKE
HEVFQRDGNLDHMTYKIGLVEALCGFQFTFKHLDGRQMVVKYPPGKVIIEPGCVRVVRGEGMPQYR
NPFEEKDLYIKFDVQFPENNWINPDRLSELEDLLPSRPEVPNIIGETEEVELQEFDSTRGSGGGQR
REAYNDSSDEESSHHGPGVQCAHQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

71.06

Interspecies Antigen Sequence

Mouse (99); Rat (99)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DNAJA2

Entrez GeneID	10294
GeneBank Accession#	BC013044
Protein Accession#	AAH13044
Gene Name	DNAJA2
Gene Alias	CPR3, DJ3, DJA2, DNAJ, DNJ3, HIRIP4, PRO3015, RDJ2
Gene Description	DnaJ (Hsp40) homolog, subfamily A, member 2
Omim ID	611322
Gene Ontology	Hyperlink
Gene 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]
Other Designations	DnaJ subfamily A member 2 HIRA interacting protein 4 cell cycle progression 3 protein

Publication Reference

- [ADAPT identifies an ESCRT complex composition that discriminates VCaP from LNCaP prostate cancer cell exosomes.](#)

Hornung T, O'Neill HA, Logie SC, Fowler KM, Duncan JE, Rosenow M, Bondre AS, Tinder T, Maher V, Zarkovic J, Zhong Z, Richards MN, Wei X, Miglarese MR, Mayer G, Famulok M, Spetzler D.

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Application: ELISA, Recombinant protein