

# Recombinant Full Length Human DNAJA3 Protein, GST-tagged

**Cat. No.** DNAJA3-3957HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human DNAJA3 full-length ORF ( NP_005138.2, 1 a.a. - 480 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	480 amino acids
<b>Description</b>	This gene encodes a member of the DNAJ/Hsp40 protein family. DNAJ/Hsp40 proteins stimulate the ATPase activity of Hsp70 chaperones and play critical roles in protein folding, degradation, and multimeric complex assembly. The encoded protein is localized to mitochondria and mediates several cellular processes including proliferation, survival and apoptotic signal transduction. The encoded protein also plays a critical role in tumor suppression through interactions with oncogenic proteins including ErbB2 and the p53 tumor suppressor protein. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2011]
<b>Molecular Mass</b>	78.9 kDa
<b>AA Sequence</b>	MAARCSTRWLLVVVGTPLPAISGRGARPPREGVVGAWLSRKLSVPAFASSLTSCG PRALLTLRPGVSLTGTKHYPICTASFHTSAPLAKEDYYQILGVPRNASQKEIKKAYY QLAKKYHPDTNKDDPKAKEKFSQLAEAYEVLSDDEVKQYDAYGSAGFDPGASGS QHSYWKG GPTVDPEELFRKIFGEFSSSSFGDFQTVFDQPQEYFMELTFNQAAGKV

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



NKEFTVNIMDTCERCNGKGNPGTKVQHCHYCGGSGMETINTGPFVMRSTCRRCG  
 GRGSIISPCVVCRGAGQAKQKKRVMIPVPAGVEDGQTVRMPVKGKREIFITFRVQKS  
 PVFRRDGADIHSDLFISIAQALLGGTARAQGLYETINVTIPPGTQTDQKIRMGGKGIPR  
 INSYGYGDHYIHIKIRVPKRLTSRQQSLILSYAEDETDVEGTVNGVTLTSSGGSTMDS  
 SAGSKARREAGEDEEGFLSKLKKMFTS

**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**  
 DNAJA3 DnaJ (Hsp40) homolog, subfamily A, member 3 [ Homo sapiens ]

**Official Symbol**  
 DNAJA3

**Synonyms**  
 DNAJA3; DnaJ (Hsp40) homolog, subfamily A, member 3; TID1; dnaJ homolog subfamily A member 3, mitochondrial; hTid 1; dnaJ protein Tid-1; tumorous imaginal discs protein Tid56 homolog; hepatocellular carcinoma-associated antigen 57; HCA57; hTID-1; FLJ45758;

**Gene ID**  
 9093

**mRNA Refseq**  
 NM\_001135110

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA



**Protein Refseq** NP\_001128582

**MIM** 608382

**UniProt ID** Q96EY1

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA