

Recombinant Full Length Human DNAJA3 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human DNAJA3 full-length ORF (NP_005138.2, 1 a.a. - 480 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	480 amino acids
Description	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]
Molecular Mass	78.9 kDa
AA Sequence	MAARCSTRWLLVVVGTPRLPAISGRGARPPREGVVGAWLSRKLSVPAFASSLTSCG PRALLTLRPGVSLTGTKHYPICTASFHTSAPLAKEDYYQILGVPRNASQKEIKKAYY QLAKKYHPDTNKDDPKAKEKFSQLAEAYEVLSDDEVKRKQYDAYGSAGFDPGASGS QHSYWKG GPTVDPEELFRKIFGEFSSSSFGDFQTVFDQPQEYFMELTFNQAAGKV

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NKEFTVNIMDTCERCNGKGNPGTKVQHCHYCGGSGMETINTGPFVMRSTCRRCG
GRGSIISPCVVCRGAGQAKQKKRVMIPVPAGVEDGQTVRMPVGKREIFITFRVQKS
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

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Protein Refseq	NP_001128582
MIM	608382
UniProt ID	Q96EY1

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