

Recombinant Human DNAJA3 Protein, GST-tagged

Cat. No. DNAJA3-2727H **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	Wheat Germ
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 PRALLTLRPGVSLTGTKHYPFICTASFHTSAPLAKEDYYQILGVPRNASQKEIKKAYY QLAKKYHPDTNKDDPKAKEKFSQLAEAYEVLSDDEVKRKQYDAYGSAGFDPGASGS QHSYWKG GPTVDPEELFRKIFGEFSSSSFGDFQTVFDQPQEYFMELTFNQAAKGV NKEFTVNIMDTCERCNGKGNPGTKVQHCHYCGSGSGMETINTGPFVMRSTCRRCG

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GRGSIIISPCVVCRGAGQAKQKKRVMIPVPAGVEDGQTVRMPVGKREIFITFRVQKS
 PVFRRDGDADHSDLFISIAQALLGGTARAQGLYETINVTIPPGTQTDQKIRMGGKGIPR
 INSYGYGDHYIHIKIRVPKRLTSRQQSLILSYAEDET DVEGTVNGVTLTSSGGSTMDS
 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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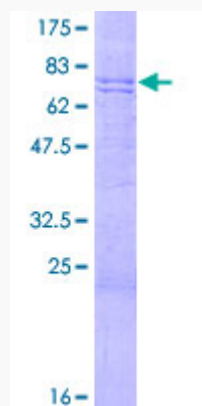
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Protein Refseq NP_001128582

MIM 608382

UniProt ID Q96EY1

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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