

Recombinant Human DNAJA3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DNAJA3-860H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DNAJA3 MS Standard C13 and N15-labeled recombinant protein (NP_005138) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	52.5 kDa
AA Sequence	MAARCSTRWLLVVVGTPLRPAISGRGARPPREGVVGAWLSRKLSVPAFASSLTSCG PRALLTLRPGVSLTGTKHYPFICTASFHTSAPLAKEDYYQILGVPRNASQKEIKKAYY QLAKKYHPDTNKDDPKAKEKFSQLAEAYEVLSDDEVKRKQYDAYGSAGFDPGASGS QHSYWKGGPTVDPEELFRKIFGEFSSSSFGDFQTVFDQPQEYFMELTFNQAAGKV NKEFTVNIMDTCERCNGKGNPGTKVQHCHYCGGSGMETINTGPFVMRSTCRRCG

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GRGSIISPCVVCRGAGQAKQKKRVMIPVPAGVEDGQTVRMPVKGKREIFITFRVQKS
 PVFRRDGADIHSDLFISIAQALLGGTARAQGLYETINVTIPPGTQTDQKIRMGGKGIPR
 INSYGYGDHYIHIKIRVPKRLTSRQQSLILSYAEDETDVEGTVNGVTLTSSGGSTMDS
 SAGSKARREAGEDEEGFLSKLKKMFTSTRTRPLEQKLISEEDLAANDILDYKDDDDK
 V

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [DNAJA3 DnaJ heat shock protein family \(Hsp40\) member A3 \[Homo sapiens \(human\) \]](#)

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](#)

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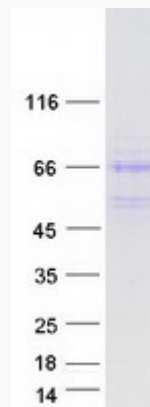
mRNA Refseq [NM_005147](#)

Protein Refseq [NP_005138](#)

MIM [608382](#)

UniProt ID [Q96EY1](#)

SDS-PAGE



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