

## Product datasheet for **TP304240M**

### TID1 (DNAJA3) (NM\_005147) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens Dnaj (Hsp40) homolog, subfamily A, member 3 (DNAJA3), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204240 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAARCSTRWLLVVGTPRLPAISGRGARPPREGVVGAWLSRKLSVPAFASLTSCGPRALLTLRPGVSLT  
GTKHYPICTASFHTSAPLAKEDYYQILGVPRNASQKEIKKAYYQLAKKYHPDTNKDDPKAKEKFSQLAE  
AYEVLSDVEVKRKQYDAYGSAGFDPGASGSQHSYWKGGPTVDPEELFRKIFGEFSSSSFGDFQTVFDQPQE  
YFMELTFNQAAKGVNKEFTVNIMDTCERCNGKGNPEGTKVQHCHYCGGSGMETINTGPFVMRSTCRRCGG  
RGSIIISPCVVCRGAGQAKQKKRVMIPVPAGVEDGQTVRMPVKGKREIFITFRVQKSPVFRRDGADIHSDL  
FISIAQALLGGTARAQGLYETINVTIPPGTQTDQKIRMGGKGIPRINSYGYGDHYIHIKIRVPKRLTSRQ  
QSLILSYAEDETDVEGTVNGVTLTSSGGSTMDSSAGSKARREAGEDEEGFLSKLKKMFTS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	52.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_005138](#)

Locus ID: 9093

UniProt ID: [Q96EY1](#), [Q53G26](#), [Q59E88](#)

RefSeq Size: 2780

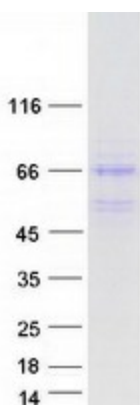
Cytogenetics: 16p13.3

RefSeq ORF: 1440

Synonyms: HCA57; hTID-1; TID1

**Summary:** 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]

### Product images:



Coomassie blue staining of purified DNAJA3 protein (Cat# [TP304240]). The protein was produced from HEK293T cells transfected with DNAJA3 cDNA clone (Cat# [RC204240]) using MegaTran 2.0 (Cat# [TT210002]).