

Product datasheet for TP515670

Dnaja3 (NM_023646) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Dnaj heat shock protein family (Hsp40) member A3 (Dnaja3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR215670 representing NM_023646 Red =Cloning site Green =Tags(s)

MAAWCSPRWLRVAVGTPRLPAAAGRGVQQPQGGWATSLCRKLCVSAFGLSMGAHGPRALLTLRPGVRLT
GTKSFPVCTTSFHTSASLAKDDYYQILGVPRNASQKDIKKAYYQLAKKYHPDTNKDDPKAKEKFSQLAE
AYEVLSDVEVKKQYDAYGSAGFDPGTSSSGQGYWRGGPSVDPEELFRKIFGEFSSSPFGDFQNVFDQPQE
YIMELTFNQAAGVGNKEFTVNIMDTCERCDCGKGNPEGTKVQHCHYCGGSGMETINTGPFVMRSTCRRCGG
RGSIIITNPCVVCRGAGQAKQKKRVTIPVPAGVEDGQTVRMPVKGKREIFVTRVQKSPVFRRDGADIHSDL
FISIAQAILGGTAKAQGLYETINVTIPAGIQTDQKIRLTGKGI PRINSYGYGDHYIHIKIRV PKRLSSRQ
QNLILSYAEDETDVEGTVNGVTHSTGGRTMDSSAGSKDRREAGEDNEGFLSKLKKIFTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	52.9 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_076135
Locus ID:	83945



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UniProt ID:	Q99M87
RefSeq Size:	2666
Cytogenetics:	16 2.46 cM
RefSeq ORF:	1440
Synonyms:	1200003J13Rik; 1810053A11Rik; C81173; Tid-1; Tid1l
Summary:	Modulates apoptotic signal transduction or effector structures within the mitochondrial matrix. Affect cytochrome C release from the mitochondria and caspase 3 activation, but not caspase 8 activation. Isoform 1 increases apoptosis triggered by both TNF and the DNA-damaging agent mytomycin C; in sharp contrast, isoform 2 suppresses apoptosis. Can modulate IFN-gamma-mediated transcriptional activity (By similarity). Isoform 2 may play a role in neuromuscular junction development as an effector of the MUSK signaling pathway.[UniProtKB/Swiss-Prot Function]