

Recombinant Mouse Dnaja3 Protein, Myc/DDK-tagged

Cat. No. Dnaja3-2593M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length DnaJ heat shock protein family (Hsp40) member A3 (Dnaja3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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. Isoform 2 may play a role in neuromuscular junction development as an effector of the MUSK signaling pathway.
Molecular Mass	52.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Dnaja3 DnaJ heat shock protein family (Hsp40) member A3 [Mus musculus (house mouse)]

Official Symbol Dnaja3

Synonyms DNAJA3; DnaJ (Hsp40) homolog, subfamily A, member 3; dnaJ homolog subfamily A member 3, mitochondrial; mTid-1; dnaJ protein Tid-1; tumorous imaginal discs protein Tid56 homolog; Tid-1; Tid1l; C81173; 1200003J13Rik; 1810053A11Rik

Gene ID 83945

mRNA Refseq NM_023646

Protein Refseq NP_076135

UniProt ID Q99M87

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