

Product datasheet for TP505083

Dnajb1 (NM_018808) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Dnaj heat shock protein family (Hsp40) member B1 (Dnajb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205083 protein sequence Red =Cloning site Green =Tags(s)
	<p>MGKDYQQTLGLARGASDDEIKRAYRRQALRYHPDKNKEPGAEEKFKEIAEAYDVLSDPRKREIFDRYGEE GLKGGSPSGGSSGGANGTSFSYTFHGDPHAMFAEFFGGRNPFDTFFGQRNGEEMDIDDTFSSFPMGMGG FTNMNFRSRPSQEPTRKKQDPPVTHDLRVSLEEIYSGCTKKMKISHKRLNPDGKSIRNEDKILTIEVKR GWKEGKITFPKEGDQTSNNIPADIVFVLKDKPHNIFKRGDSDVIYPARISLREALCGCTVNVPTLDGRT IPVVFKDVIRPGMRRKVPGEGLPLPKTPEKRGDLVIEFEVIFPERIPVSSRTILEQVLPI</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	38.2 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_061278
Locus ID:	81489
UniProt ID:	Q9QYJ3 , Q3TU79



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RefSeq Size: 2284

Cytogenetics: 8 C2

RefSeq ORF: 1023

Synonyms: 0610007I11Rik; DjB1; Hdj1; Hsp; Hsp40; HSPF1

Summary: This gene encodes a member of the DnaJ or Hsp40 (heat shock protein 40 kD) family of proteins. The encoded protein is a molecular chaperone that stimulates the ATPase activity of Hsp70 heat-shock proteins in order to promote protein folding and prevent misfolded protein aggregation. The encoded protein may also inhibit apoptosis. Peritoneal macrophages derived from homozygous knockout mice for this gene exhibit impaired heat tolerance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]