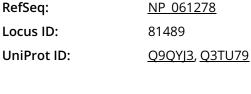


# Product datasheet for TP505083

### 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** >MR205083 protein sequence Clone or AA Red=Cloning site Green=Tags(s) Sequence: MGKDYYQTLGLARGASDDEIKRAYRRQALRYHPDKNKEPGAEEKFKEIAEAYDVLSDPRKREIFDRYGEE GLKGGSPSGGSSGGANGTSFSYTFHGDPHAMFAEFFGGRNPFDTFFGQRNGEEGMDIDDTFSSFPMGMGG FTNMNFGRSRPSQEPTRKKQDPPVTHDLRVSLEEIYSGCTKKMKISHKRLNPDGKSIRNEDKILTIEVKR GWKEGTKITFPKEGDQTSNNIPADIVFVLKDKPHNIFKRDGSDVIYPARISLREALCGCTVNVPTLDGRT IPVVFKDVIRPGMRRKVPGEGLPLPKTPEKRGDLVIEFEVIFPERIPVSSRTILEQVLPI **TRTRPL**EQKLISEEDLAANDILDYKDDDDKV C-MYC/DDK Tag: 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.





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	Dnajb1 (NM_018808) Mouse Recombinant Protein – TP505083
RefSeq Size:	2284
Cytogenetics:	8 C2
RefSeq ORF:	1023
Synonyms:	0610007l11Rik; 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]

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