

## Product datasheet for TP503725

### Dnajb2 (NM\_001159885) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Dnaj heat shock protein family (Hsp40) member B2 (Dnajb2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203725 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MASYEILDVPRSAFPDDIKKAYRKKALQWHPDKNPDKNEFAEKKFKEVAEAYEVLSDKHKREIYDRYGR EGLTGAGSGPSRSETGGAGPGFTFTFRSPEEVFREFFGSGDPFSELFDDLGVFSELQNQGPRLTGPFPTF SSSFPANSDFSSSSFSFSPGAGAFRSVSTSTTFVQGRITRRIMENGQERVEVEEDGQLKSVSINGVPD DLALGLELSRREQQPSVAPGLGVMQVRPTSLSRPPDHDLSEDEDLQLAMAYSLSEMEAAAGQKPADVF  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	30.7 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:	<a href="#">NP_001153357</a>
Locus ID:	56812
UniProt ID:	<a href="#">Q9QYI5</a>
RefSeq Size:	1918



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**Cytogenetics:** 1 C4

**RefSeq ORF:** 834

**Synonyms:** 2700059H22Rik; Dnajib10; Hsj1; mDj8

**Summary:** Functions as a co-chaperone, regulating the substrate binding and activating the ATPase activity of chaperones of the HSP70/heat shock protein 70 family. In parallel, also contributes to the ubiquitin-dependent proteasomal degradation of misfolded proteins. Thereby, may regulate the aggregation and promote the functional recovery of misfolded proteins like HTT, MC4R, PRKN, RHO and SOD1 and be crucial for many biological processes. Isoform 1 which is localized to the endoplasmic reticulum membranes may specifically function in ER-associated protein degradation of misfolded proteins.[UniProtKB/Swiss-Prot Function]