

## Product datasheet for TP501985

### Dnajc5 (NM\_016775) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Dnaj heat shock protein family (Hsp40) member C5 (Dnajc5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201985 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MADQRQRSLSTSGESLYHVLGLDKNATSDDILKSYRKLALKYHPDKNPDPNPEAADKFKEINNAHAILTDA TKRNIYDKYGSGLGLYVAEQFGEENVNTYFVLSSWWAKALFVVCGLLTCCYCCCCLCCCFNCCCCKKPKA PEGEETEFYVSPEDLEAQLQSDEREATDTPIVIQPASATETTQLTADSHPSYHTDGFSKIQERL
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	22.8 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:	<u>NP_058055</u>
Locus ID:	13002
UniProt ID:	<u>P60904</u>
RefSeq Size:	4325
Cytogenetics:	2 103.63 cM



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RefSeq ORF: 615

Synonyms: 2610314I24Rik; AU018536; Csp

**Summary:** Acts as a co-chaperone for the SNARE protein SNAP-25 (PubMed:22187053). Involved in the calcium-mediated control of a late stage of exocytosis (PubMed:20847230). Acts as a general chaperone in regulated exocytosis (By similarity). May have an important role in presynaptic function (By similarity). May be involved in calcium-dependent neurotransmitter release at nerve endings (By similarity).[UniProtKB/Swiss-Prot Function]