

Product datasheet for TP502996

Dnajb6 (NM_001127367) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Dnaj heat shock protein family (Hsp40) member B6 (Dnajb6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202996 protein sequence Red=Cloning site Green=Tags(s)

MVDYYEVLGVQRHASPEDIKKAYRKQALKWHPDKNPENKEEAERKFKQVAEAYEVLSDAKKRDIYDKYGK
EGLNGGGGGGGIHFDSPFEGFTFRNPDDVFFREFFGGRDPFSFDFFEDPFDDFFGNRRGPRGNRSRGAGS
FFSTFSGFSPFGSGFPAFDTGFTPFGLGHGGLTSFSSTSFSGSGMGNFKSISTSTKIVNGKKITTKRIV
ENGQERVEVEEDGQLKSLTINGKEHLLRLDNK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	27 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_001120839
Locus ID:	23950
UniProt ID:	O54946
RefSeq Size:	1642



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Cytogenetics: 5 B1

RefSeq ORF: 729

Synonyms: HSJ-2; mDj4; Mrj

Summary: Plays an indispensable role in the organization of KRT8/KRT18 filaments. Acts as an endogenous molecular chaperone for neuronal proteins including huntingtin. Suppresses aggregation and toxicity of polyglutamine-containing, aggregation-prone proteins (By similarity). Has a stimulatory effect on the ATPase activity of HSP70 in a dose-dependent and time-dependent manner and hence acts as a co-chaperone of HSP70. Also reduces cellular toxicity and caspase-3 activity (By similarity).[UniProtKB/Swiss-Prot Function]