

Product datasheet for **TP505465**

Dnajb11 (NM_001190805) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse DnaJ heat shock protein family (Hsp40) member B11 (Dnajb11), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR205465 protein sequence
Red=Cloning site **Green**=Tags(s)

MAPQNLSTFCLLLLYLIGTVIAGRDFYKILGVPRASIKDIKKAYRKLALQLHPDRNPDDPQAQEKFQDL
GAAYEVLSDSEKRKQYDTYGEGLKDGHQSSHGDIFSHFFGDFGFMFGGTPRQQDRNIPRGSDIIVDLEV
TLEEVYAGNFVEVVRNKPVARQAPGKRKCNCRQEMRTTQLGPGRFQMTQEVVCDECPNVKLVNEERTLEV
EIEPGVRDGMIEYPPFEGEGEPHVDGEPGDLRFRIKVVKHRIFERRGDDLYTNVTVSLVEALVGFEMDITHL
DGHKVHISRDKITRPGAKLWKKGEGLPNFDNANNIKGSLIITFDVDFPKEQLTEEAKEGIKQLLKQGPVQK
VYNGLQGY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 40.6 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_001177734](#)

Locus ID: 67838

UniProt ID: [Q99KV1](#)



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RefSeq Size: 1628

Cytogenetics: 16 B1

RefSeq ORF: 1077

Synonyms: 1810031F23Rik; ABBP-2; AL024055; Dj9; ERdj3; ERj3p

Summary: As a co-chaperone for HSPA5 it is required for proper folding, trafficking or degradation of proteins. Binds directly to both unfolded proteins that are substrates for ERAD and nascent unfolded peptide chains, but dissociates from the HSPA5-unfolded protein complex before folding is completed. May help recruiting HSPA5 and other chaperones to the substrate. Stimulates HSPA5 ATPase activity. It is necessary for maturation and correct trafficking of PKD1.[UniProtKB/Swiss-Prot Function]