

**DNAJB11, 23-358aa, Human, His tag, E.coli**

**Cat.NO.: TP01893**

3th Edition

**Synonyms:**DnaJ homolog subfamily B member 11, ABBP-2, ABBP2, DJ9, EDJ, ERdj3, ERj3, hDj9, HEDJ, PRO1080, UNQ537.

**Description:**DNAJB11 belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. It serves as a co-chaperone for HSPA5 and 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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol,2mM DTT, 0.1M NaCl.

**Molecular Weight:**40.5 kDa (357aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGRDFYKILGVPRASIKDIKKAYRKLALQLHPDRNPDDPQAEKFQDLGAAYEV  
LSDSEKRKQYDTYGEGLKDGHQSSHGDIFSHFFGDFGMFGGTPRQQDRNIPRGSDIIVDLEVTLEEVYAGNFVE  
VVRNKPVARQAPGKRKCNCRQEMRTTQLGPGRFQMTQEVVCDECPNVKLVNEERTLEVEIEPGVRDGMETPFIFG  
EGEPHVDGEPGDLRFRIKVVKHPIFERRGDDLYTNVTISLVESLVGFEMDITHLDGHKVVHISRDKITRPGAKLWKKGE  
GLPNFDNNNIKGSIIITFDVDFPKEQLTEEAREGIKQLLKQGSVQKVYNGLQGY

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.