

## 32-5292: Recombinant Human Dnaj (Hsp40) Homolog, Subfamily B, Member 11

**Alternative Name :** Dnaj homolog subfamily B member 11, APOBEC1-binding protein 2, ABBP-2, Dnaj protein homolog 9, ER-associated DNAJ, ER-associated Hsp40 co-chaperone, ER-associated dnaJ protein 3, ERdj3, ERj3p, HEDJ, Human Dnaj protein 9, hDj-9, PWP1-interacting protein 4, DNAJB11, EDJ, ERJ3, HDJ9, DJ9, Dj-9, ABBP2, UNQ537, PRO1080.

### Description

Source : Escherichia Coli. DNAJB11 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 357 amino acids (23-358 a.a.) and having a molecular mass of 40.5kDa. DNAJB11 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. DNAJB11 is a member of the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJB11 serves as a co-chaperone for HSPA5 and binds directly to both unfolded proteins which are substrates for ERAD and nascent unfolded peptide chains, but dissociates from the HSPA5-unfolded protein complex before folding is completed.

### Product Info

**Amount :** 5 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** The DNAJB11 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MGRDFYKILG VPRSASIKDI KKAYRKLALQ LHPDRNPDDP QAQEKFDLQ AAYEVLSDSE KRKQYDTYGE EGLKDGHQSS HGDIFSHFFG DFGFMFGGTP RQQRNIPRG SDIIVDLEVT LEEVYAGNFV EVVRNKPVAR QAPGKRKCNC RQEMRTTQLG PGRFQMTQEV VCDECPNVKL VNEERTLEVE IEPGVRDGM E YPFIGEGEPH VDGEPLDLRF RIKVVKHPIF ERRGDDLYTN VTISLVESLV GFEMDITHLD GHKVISRDK ITRPGAKLWK KGEGLPNFDN NNIKGLIIT FDVDFPKEQL TEEAREGIKQ LLKQGSVQKV YNGLQGY.