

## 32-5300: Recombinant Human DnaJ (Hsp40) Homolog, Subfamily C, Member 24

**Alternative Name :** DnaJ homolog subfamily C member 24, DNAJC24, DPH4, JJJ3, ZCSL3, CSL-type zinc finger-containing protein 3, Diphthamide biosynthesis protein 4.

### Description

Source : E.coli. DNAJC24 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 172 amino acids (1-149 a.a.) and having a molecular mass of 19.5kDa. DNAJC24 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. DnaJ homolog subfamily C member 24 (DNAJC24) belongs to the ZCSL family of proteins and each contain one DPH-type zinc finger. DNAJC24 is involved in the synthesis of diphthamide, a protein found on translation elongation factor EF-2 which is the target of bacterial ADP-ribosylating toxins. DNAJC24 stimulates the ATPase activity of few Hsp70-type chaperones. DNAJC24 detected in heart, brain, spleen, lung, liver, kidney and testis.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** The DNAJC24 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.  
**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 SSGLVPRGSH MGSMMAVEQM PKKDWYSILG ADPSANISDL KQKYQKLILM  
 YHPDKQSTDV PAGTVEECVQ KFIEDQAWK ILGNEETKRE YDLQRCEDDL RNVGPVDAQV  
 YLEEMSWNEG DHSFYLSRCR GGKYSVSKDE AEEVSLISCD TCSLIIELLH YN.

