

DNAJC24, 1-149aa, Human, His tag, E.coli

Cat.NO.: TP01901

3th Edition

Synonyms:DnaJ homolog subfamily C member 24, DPH4, JJJ3, ZCSL3

Description:DnaJ homolog subfamily C member 24, also known as DNAJC24, is a member of the ZCSL family of proteins and each contain one DPH-type zinc finger. This enzyme is involved in the synthesis of diphthamide, a protein found on translation elongation factor EF-2 that is the target of bacterial ADP-ribosylating toxins. DNAJC24 stimulates the ATPase activity of several Hsp70-type chaperones. It is detected in heart, brain, spleen, lung, liver, kidney and testis. Recombinant human DNAJC24 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:19.5kDa (172aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMMAVEQMPKKDWYSILGADPSANISDLKQKYQKLILMYHPDKQSTDVPAGT
VEECVQKFIEIDQAWKILGNEETKREYDLQRCEDDLNRNVGPVDAQVYLEEMSWNEGDHSFYLSRCRCGGKYSVSKD
EAEEVSLISCDTCSLIIELLHYN

Purity:> 95% by HPLC

Concentration:1mg/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.