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Recombinant human DNAJC24 protein

Catalog Number: ATGP2111

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-149aa

UniProt No.

O6P3W2

NCBI Accession No.

NP 859057

Alternative Names

Dna| homolog subfamily C member 24, DPH4, |||3, ZCSL3

PRODUCT SPECIFICATION

Molecular Weight

19.5 kDa (172aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.



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Amino acid Sequence

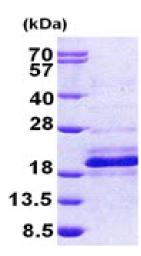
MGSSHHHHHH SSGLVPRGSH MGSMMAVEQM PKKDWYSILG ADPSANISDL KQKYQKLILM YHPDKQSTDV PAGTVEECVQ KFIEIDQAWK ILGNEETKRE YDLQRCEDDL RNVGPVDAQV YLEEMSWNEG DHSFYLSCRC GGKYSVSKDE AEEVSLISCD TCSLIIELLH YN

General References

Liu S., et al. (2003) Mol Cell. 12:603-613 Liu S., et al. (2004) Mol Cell Biol. 244:9487-9497.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

