Recombinant human DNAJC24 protein

Catalog Number: ATGP2111

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-149aa

UniProt No.
Q6P3W2

NCBI Accession No.
NP_859057

Alternative Names
DnaJ homolog subfamily C member 24, DPH4, JJJ3, 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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Website: www.nkmaxbio.com email: supportbio@nkmax.com

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Amino acid Sequence

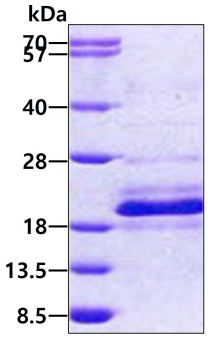
<MGSSHHHHHH SSGLVPRGSH MGS>MMAVEQM PKKDWYSILG ADPSANISDL KQKYQKLILM YHPDKQSTDV PAGTVEECVQ KFIEIDQAWK ILGNEETKRE YDLQRCEDDL RNVGPVDAQV YLEEMSWNEG DHSFYLSCRC GGKYSVSKDE AEEVSLISCD TCSLIIELLH YN

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



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