9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

DNAJC24 Human

DnaJ (Hsp40) Homolog, Subfamily C, Member 24 Human Recombinant RCP0663

Product Overview

Name	DNAJC24 Human

Description

DnaJ (Hsp40) Homolog, Subfamily C, Member 24 Human Recombinant

Accession (Primary)	Q6P3W2

Synonyms

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

Introduction

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.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The DNAJC24 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

Stability

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.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

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

Precautions

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

DNAJC24 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q6P3W2)