9051 Mira Mesa Blvd, #910094
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DNAJB4 Human

DnaJ (Hsp40) Homolog, Subfamily B, Member 4 Human Recombinant
RCP0657

Product Overview

Name	DNAJB4 Human

Description

DnaJ (Hsp40) Homolog, Subfamily B, Member 4 Human Recombinant

Accession (Primary)	Q9UDY4

Synonyms

DnaJ homolog subfamily B member 4, Heat shock 40 kDa protein 1 homolog, HSP40 homolog, Heat shock protein 40 homolog, Human liver DnaJ-like protein, DNAJB4, DNAJW, HLJ1, DjB4.

Introduction

DnaJ (Hsp40) Homolog, Subfamily B, Member 4 (DNAJB4) is a member of the evolutionarily conserved DNAJ/HSP40 protein family. DNAJB4 subunit configuration is homodimer. DNAJB4 possibly functions as a chaperone. DNAJB4 C-terminal section interacts with the C-terminal tail of OPRM1. DNAJB4 also has an interaction with SDIM1. DNAJB4 is expressed in the heart, pancreas and skeletal muscle, and to a lesser extent in the brain, placenta and liver.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

DNAJB4 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 7.5), 0.2M NaCl, 30% 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 MGKDYYC ILGIEKGASD EDIKKAYRKQ ALKFHPDKNK SPQAEEKFKE VAEAYEVLSD PKKREIYDQF GEEGLKGGAG GTDGQGGTFR YTFHGDPHAT FAAFFGGSNP FEIFFGRRMG GGRDSEEMEI DGDPFSAFGF SMNGYPRDRN SVGPSRLKQD PPVIHELRVS LEEIYSGCTK RMKISRKRLN

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ADGRSYRSED KILTIEIKKG WKEGTKITFP REGDETPNSI PADIVFIIKD KDHPKFKRDG SNIIYTAKIS LREALCGCSI NVPTLDGRNI PMSVNDIVKP GMRRRIIGYG LPFPKNPDQR GDLLIEFEVS FPDTISSSSK EVLRKHLPAS.

Precautions

DNAJB4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UDY4)