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

DNAJC15 Human

DnaJ (Hsp40) Homolog, Subfamily C, Member 15 Human Recombinant
RCP0661

Product Overview

Name	DNAJC15 Human

Description

DnaJ (Hsp40) Homolog, Subfamily C, Member 15 Human Recombinant

Accession (Primary)	Q9Y5T4

Synonyms

DnaJ homolog subfamily C member 15, Cell growth-inhibiting gene 22 protein, Methylation-controlled J protein, MCJ, DNAJC15, DNAJD1, GIG22, HSD18.

Introduction

DNAJC15 which is expressed ubiquitously and located on the membrane contains 1 J domain. In many advanced cases of ovarian adenocarcinoma DNAJC15 is absent or down-regulated, due to hypermethylation and allelic loss. Loss of expression correlates with increased resistance to antineoplastic drugs, such as cisplatin. DNAJC15is a crucial component of the TIM23 translocase complex and stimulates the ATPase activity of HSPA9.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The DNAJC15 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 20% 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 FRIWKPL EQVITETAKK ISTPSFSSYY KGGFEQKMSR REAGLILGVS PSAGKAKIRT AHRRVMILNH PDKGGSPYVA AKINEAKDLL ETTTKH.

Precautions

DNAJC15 Human is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (Q9Y5T4)