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Recombinant human DNAJC15 protein

Catalog Number: ATGP2300

PRODUCT INFORMATION

Expression system

E.coli

Domain

58-150aa

UniProt No.

O9Y5T4

NCBI Accession No.

NP 037370

Alternative Names

Dnal homolog subfamily C member 15, DNAID1, HSD18, MCI

PRODUCT SPECIFICATION

Molecular Weight

12.8 kDa (116aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

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

DNAJC15 contains 1 J domain. This protein is expressed ubiquitously and located on the membrane. DNAJC15 is absent or down-regulated in many advanced cases of ovarian adenocarcinoma, due to hypermethylation and allelic loss. Loss of expression correlates with increased resistance to antineoplastic drugs, such as cisplatin. Recombinant human DNAJC15 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

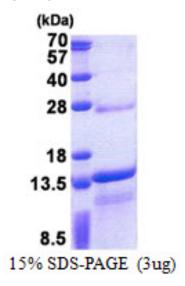
MGSSHHHHHH SSGLVPRGSH MGSFRIWKPL EQVITETAKK ISTPSFSSYY KGGFEQKMSR REAGLILGVS PSAGKAKIRT AHRRVMILNH PDKGGSPYVA AKINEAKDLL ETTTKH

General References

Noskova L, Stranecky V, et al. (2011). Am J Hum Genet. 89(2):241-52.

DATA

SDS-PAGE



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

