

# Recombinant human DNAJC15 protein

Catalog Number: ATGP2300

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

58-150aa

### UniProt No.

Q9Y5T4

### NCBI Accession No.

NP\_037370

### Alternative Names

Dnaj homolog subfamily C member 15, DNAJD1, HSD18, MCJ

## PRODUCT SPECIFICATION

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### 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

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### 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 SSSLVPRGSH MGSFRIWKPL EQVITETAKK ISTPSFSSYY KGGFEQKMSR REAGLILGVS PSAGKAKIRT  
AHRRVMILNH PDKGGSPYVA AKINEAKDLL ETTTKH

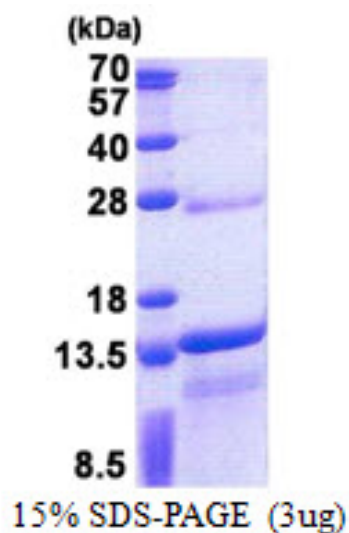
## General References

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

## DATA

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### SDS-PAGE



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