
Product Data Sheet

Product Name: DNAJC15 Human
 Cat. No.: GP25069
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Dnaj homolog subfamily C member 15; Cell growth-inhibiting gene 22 protein; Methylation-controlled J protein; MCJ; DNAJC15; DNAJD1; GIG22; HSD18.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSFRIWKPL EQVITETAKK ISTPSFSSYY KGGFEQKMSR REAGLILGVS PSAGKAKIRT AHRRVMILNH PDKGGSPYVA AKINEAKDLL ETTTKH.		
Formulation	The DNAJC15 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

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. DNAJC15 is a crucial component of the TIM23 translocase complex and stimulates the ATPase activity of HSPA9.

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.

Background

DNAJC15 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 116 amino acids (58-150 a.a.) and having a molecular mass of 12.8 kDa. DNAJC15 is fused to a 23 amino acid His-tag at N-terminus & purified

Caution: Product has not been fully validated for medical applications. For research use only.

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by proprietary chromatographic techniques.

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