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

DNAJC12 Human

DnaJ (Hsp40) Homolog, Subfamily C, Member 12 Human Recombinant RCP0660

Product Overview

Name	DNAJC12 Human

Description

DnaJ (Hsp40) Homolog, Subfamily C, Member 12 Human Recombinant

Accession (Primary)	Q9UKB3

Synonyms

DnaJ homolog subfamily C member 12, J domain-containing protein 1, DNAJC12, JDP1, RP11-57G10.2.

Introduction

DnaJ (Hsp40) Homolog, Subfamily C, Member 12 (DNAJC12) belongs to the DnaJ/Hsp40 family. DnaJ/Hsp40 family members are linked with complex assembly, protein folding, and export. DnaJ/Hsp40 proteins are extremely conserved throughout evolution and function as co-chaperones regulating protein folding, transport, translational initiation and gene expression. DnaJC12 has a role in protein folding and export and is believed to be involved in estrogen control and the development of breast cancer. DNAJC12 is expressed at high levels in the brain, heart, and testis, and at reduced levels in the kidney and stomach.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The DNAJC12 solution (0.5mg/ml) contains 20mM Tris-HCl buffer, pH8.0, 10% glycerol, 2mM DTT and 100mM NaCl.

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 MGSH MDAILN YRSEDTEDYY TLLGCDELSS VEQILAEFKV RALECHPDKH PENPKAVETF QKLQKAKEIL TNEESRARYD HWRRSQMSMP FQQWEALNDS VKTSMHWVVR GKKDLMLEES DKTHTTKMEN EECNEQRERK KEELASTAEK TEQKEPKPLE KSVSPQNSDS SGFADVNGWH LRFRWSKDAP

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Precautions

DNAJC12 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UKB3)