9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

DNAJB8 Human

DnaJ (Hsp40) Homolog, Subfamily B, Member 8 Human Recombinant
RCP0659

Product Overview

Name	DNAJB8 Human

Description

DnaJ (Hsp40) Homolog, Subfamily B, Member 8 Human Recombinant

Accession (Primary)	Q8NHS0

Synonyms

DnaJ homolog subfamily B member 8, DNAJB8, DJ6.

Introduction

DnaJ homolog subfamily B member 8 (DNAJB8) is superior suppressors of aggregation and toxicity of disease-associated polyglutamine proteins. DNAJB8 is a member of the DNAJ/HSP40 family of proteins that regulate chaperone activity. DNAJB8 is (de)acetylated at 2 conserved C-terminal lysines which aren't involved in substrate binding, but do have a role in suppressing protein aggregation. DNAJB8 has been implicated as a cancer-testis antigen and as a cancer stem-like cell antigen involved in renal cell carcinoma.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The DNAJB8 solution (0.25mg/ml) 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.15M NaCl 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 MANYYEVLGV QASASPEDIK KAYRKLALRW HPDKNPDNKE EAEKKFKLVS EAYEVLSDSK KRSLYDRAGC DSWRAGGGAS TPYHSPFDTG YTFRNPEDIF REFFGGLDPF SFEFWDSPFN SDRGGRGHGL RGAFSAGFGE FPAFMEAFSS FNMLGCSGGS HTTFSSTSFG GSSSGSSGFK SVMSSTEMIN GHKVTTKRIV ENGQERVEVE EDGQLKSVTV NGKEQLKWMD SK.

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Precautions

DNAJB8 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8NHS0)