9051 Mira Mesa Blvd, #910094
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DNAJB6 Human

DnaJ (Hsp40) Homolog, Subfamily B, Member 6 Human Recombinant
RCP0658

Product Overview

Name	DNAJB6 Human

Description

DnaJ (Hsp40) Homolog, Subfamily B, Member 6 Human Recombinant

Accession (Primary)	O75190

Synonyms

DnaJ homolog subfamily B member 6, HHDJ1, Heat shock protein J2, HSJ-2, MRJ, MSJ-1, DNAJB6, HSJ2, MSJ1, DJ4, DnaJ, MGC1152, FLJ42837, MGC117297, DKFZp566D0824.

Introduction

DnaJ homolog subfamily B member 6 (DNAJB6) belongs to the DNAJ protein family. The DNAJ family members are characterized by a highly conserved amino acid stretch known as the 'J-domain' and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly. DNAJB6 may also play a role in polyglutamine aggregation in specific neurons.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The DNAJB6 solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 30% glycerol.

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 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MVDYYEV LGVQRHASPE DIKKAYRKLA LKWHPDKNPE NKEEAERKFK QVAEAYEVLS DAKKRDIYDK YGKEGLNGGG GGGSHFDSPF EFGFTFRNPD DVFREFFGGR DPFSFDFFED PFEDFFGNRR GPRGSRSRGT GSFFSAFSGF PSFGSGFSSF DTGFTSFGSL GHGGLTSFSS TSFGGSGMGN FKSISTSTKM VNGRKITTKR IVENGQERVE VEEDGQLKSL TINGVADDDA LAEERMRRGQ NALPAQPAGL

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RPPKPPRPAS LLRHAPHCLS EEEGEQDRPR APGPWDPLAS AAGLKEGGKR KKQKQREESK KKKSTKGNH.

Precautions

DNAJB6 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O75190)