9051 Mira Mesa Blvd, #910094
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DNAJB11 Human

DnaJ (Hsp40) Homolog, Subfamily B, Member 11 Human Recombinant RCP0655

Product Overview

Name	DNAJB11 Human

Description

DnaJ (Hsp40) Homolog, Subfamily B, Member 11 Human Recombinant

Accession (Primary)	Q9UBS4

Synonyms

DnaJ homolog subfamily B member 11, APOBEC1-binding protein 2, ABBP-2, DnaJ protein homolog 9, ER-associated DNAJ, ER-associated Hsp40 co-chaperone, ER-associated dnaJ protein 3, ERdj3, ERj3p, HEDJ, Human DnaJ protein 9, hDj-9, PWP1-interacting protein 4, DNAJB11, EDJ, ERJ3, HDJ9, DJ9, Dj-9, ABBP2, UNQ537, PRO1080.

Introduction

DNAJB11 is a member of the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJB11 serves as a co-chaperone for HSPA5 and binds directly to both unfolded proteins which are substrates for ERAD and nascent unfolded peptide chains, but dissociates from the HSPA5-unfolded protein complex before folding is completed.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The DNAJB11 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2mM DTT and 0.1M 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 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH M GRDFYKILG VPRSASIKDI KKAYRKLALQ LHPDRNPDDP QAQEKFQDLG AAYEVLSDSE KRKQYDTYGE EGLKDGHQSS HGDIFSHFFG DFGFMFGGTP RQQDRNIPRG SDIIVDLEVT

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LEEVYAGNFV EVVRNKPVAR QAPGKRKCNC RQEMRTTQLG PGRFQMTQEV VCDECPNVKL VNEERTLEVE IEPGVRDGME YPFIGEGEPH VDGEPGDLRF RIKVVKHPIF ERRGDDLYTN VTISLVESLV GFEMDITHLD GHKVHISRDK ITRPGAKLWK KGEGLPNFDN NNIKGSLIIT FDVDFPKEQL TEEAREGIKQ LLKQGSVQKV YNGLQGY.

Precautions

DNAJB11 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UBS4)