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Recombinant human DNAJB6 protein

Catalog Number: ATGP0859

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-326aa

UniProt No.

075190

NCBI Accession No.

NP 490647

Alternative Names

Dnal homolog subfamily B member 6, DJ4, Dnal, HHDJ1, HSJ2, MRJ, MSJ-1

PRODUCT SPECIFICATION

Molecular Weight

38.5 kDa (349aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 5mM DTT, 30% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

DnaJB6, also known as DnaJ homolog subfamily B member 6, is a member of the DNAJ protein family. DNAJ family members are characterized by a highly conserved amino acid stretch called 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. Recombinant human DNAJB6 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.



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Amino acid Sequence

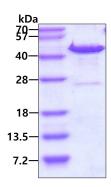
<MGSSHHHHHH SSGLVPRGSH MGS>MVDYYEV LGVQRHASPE DIKKAYRKLA LKWHPDKNPE NKEEAERKFK QVAEAYEVLS DAKKRDIYDK YGKEGLNGGG GGGSHFDSPF EFGFTFRNPD DVFREFFGGR DPFSFDFFED PFEDFFGNRR GPRGSRSRGT GSFFSAFSGF PSFGSGFSSF DTGFTSFGSL GHGGLTSFSS TSFGGSGMGN FKSISTSTKM VNGRKITTKR IVENGQERVE VEEDGQLKSL TINGVADDDA LAEERMRRGQ NALPAQPAGL RPPKPPRPAS LLRHAPHCLS EEEGEQDRPR APGPWDPLAS AAGLKEGGKR KKQKQREESK KKKSTKGNH

General References

Mitra A., et al. (2010) J Biol Chem. 285(32):24686-94. Dey S., et al. (2009) Mol Cell Biochem. 322(1-2):137-42.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

