

Recombinant human DNAJB6 protein

Catalog Number: ATGP0859

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-326aa

UniProt No.

O75190

NCBI Accession No.

NP_490647

Alternative Names

Dnaj homolog subfamily B member 6, DJ4, Dnaj, 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

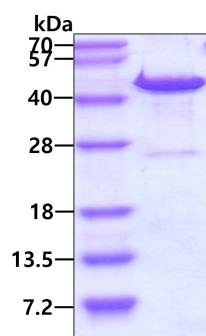
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GPRGSRSRGT GSFFSAFSGF PSFGSGFSSF DTGFTSFGSL GHGGLTSFSS TSFGGSGMGN FKSISTSTKM VNGRKITTKR
IVENGQERVE VEEDGQLKSL TINGVADDDA LAEERMRRGQ NALPAQPAGL RPPKPPRPAS LLRHAPHCLS EEEGEQDRPR
APGPWDPLAS AAGLKEGGKR KKQKQREESK KKKSTKGNH

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.