

Recombinant human DNAJB4 protein

Catalog Number: ATGP1912

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-337aa

UniProt No.

Q9UDY4

NCBI Accession No.

NP_008965

Alternative Names

Dnaj homolog subfamily B member 4, DjB4, DNAJW, HLJ1

PRODUCT SPECIFICATION

Molecular Weight

40 kDa (360aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 0.2M NaCl, 30% glycerol, 1mM DTT

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

DNAJB4 belongs to the evolutionarily conserved DNAJ/HSP40 protein family. Subunit structure of this protein is homodimer. The C-terminal section interacts with the C-terminal tail of OPRM1. DNAJB4 interacts also with SDIM1. Recombinant human DNAJB4 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MGKDYIC ILGIEKGASD EDIKKAYRKQ ALKFHPDKNK SPQAEKFKKE

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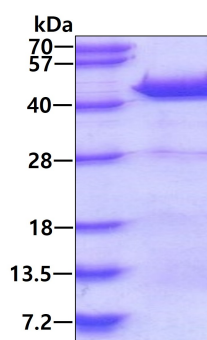
VAEAYEVLSD PKKREIYDQF GEEGLKGGAG GTDGQGGTFR YTFHGDPHAT FAAFFGGSNP FEIFFGRRMG GGRDSEEMEI
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WKEGTKITFP REGDETPNSI PADIVFIIKD KDHPKFKRDG SNIYTAKIS LREALCGCSI NVPTLDGRNI PMSVNDIVKP
GMRRRIIGYG LPFPKNPDQR GDLLIEFEVS FPDTISSSSK EVLRKHLPAS

General References

Ohtsuka K, et al. (2000). Cell Stress Chaperones. 5(2):98-112.

DATA

SDS-PAGE



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