

Recombinant human DNAJB8 protein

Catalog Number: ATGP1265

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-232aa

UniProt No.

Q8NHS0

NCBI Accession No.

NP_699161

Alternative Names

Dnaj homolog subfamily B member 8

PRODUCT SPECIFICATION

Molecular Weight

27.8 kDa (252aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.15M NaCl, 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

DNAJB8, also known as dnaj homolog subfamily B member 8, is superior suppressors of aggregation and toxicity of disease-associated polyglutamine proteins. DNAJB8 is (de) acetylated at two conserved C-terminal lysines that are not involved in substrate binding, but do play a role in suppressing protein aggregation. Recombinant human DNAJB8 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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Amino acid Sequence

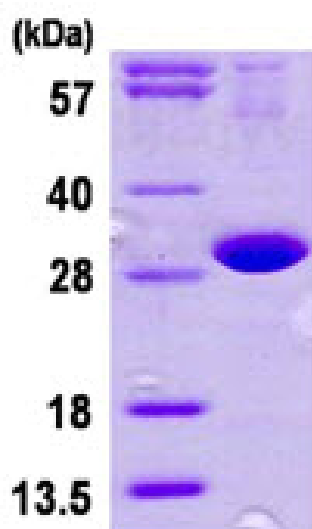
MGSSHHHHHH SSGLVPRGSH MANYEVLGV QASASPEDIK KAYRKLALRW HPDKNPDNKE EAEKKFKLVS EAYEVLSDSK
KRSLYDRAGC DSWRAGGGAS TPYHSPFDTG YTFRNPEDIF REFFGGDLPF SFEFWDSPFN SDRGGRGHGL RGAFSAGFGE
FPAFMEAFSS FNMLGCSGGS HTTFSSTSGF GSSSGSSGFK SVMSTEMIN GHKVTTKRIV ENGQERVEVE EDGQLKSVTV
NGKEQLKWM D SK

General References

Hageman J., et al. (2010) Mol Cell. 37(3):355-69.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)