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Recombinant human DNAJB8 protein

Catalog Number: ATGP1265

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-232aa

UniProt No.

08NHS0

NCBI Accession No.

NP 699161

Alternative Names

Dnal 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

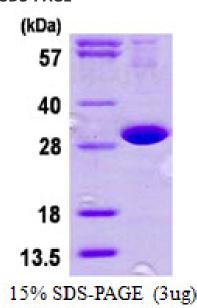
MGSSHHHHHH SSGLVPRGSH MANYYEVLGV QASASPEDIK KAYRKLALRW HPDKNPDNKE EAEKKFKLVS EAYEVLSDSK KRSLYDRAGC DSWRAGGGAS TPYHSPFDTG YTFRNPEDIF REFFGGLDPF SFEFWDSPFN SDRGGRGHGL RGAFSAGFGE FPAFMEAFSS FNMLGCSGGS HTTFSSTSFG GSSSGSSGFK SVMSSTEMIN GHKVTTKRIV ENGQERVEVE EDGQLKSVTV NGKEQLKWMD SK

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.

