

Recombinant Human DnaJ (Hsp40) Homolog, Subfamily B, Member 8, His-tagged

Cat. No. DNAJB8-6898H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DNAJB8 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography. MW: 27.8 kDa.
Species	Human
Source	E.coli
ProteinLength	1-232aa
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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT.
Molecular Mass	27.8 kDa (252aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MANYEVLGV QA SASPEDIK KAYRKLALRW HPDKNPDNKE EAEKKFKLVS EAYEVLSDSK KRSLYDRAGC DSWRAGGGAS TPYHSPFDTG YTFRNPEDIF REFFGGLDPF SFEFWDSPFN SDRGGRGHGL RG AFSAGFGE FPAFMEAFSS FNMLGCSGGS HTTFSSTSFG GSSSGSSGFK SVMSSTEMIN GH KVTTKRIV ENGQERVEVE EDGQLKSVTV NGKEQLKWMD SK

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Purity	>90% by SDS-PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	DNAJB8 DnaJ (Hsp40) homolog, subfamily B, member 8 [Homo sapiens]
Official Symbol	DNAJB8
Synonyms	DNAJB8; DnaJ (Hsp40) homolog, subfamily B, member 8; dnaJ homolog subfamily B member 8; MGC33884; DnaJ homolog, subfamily B, member 8; DJ6;
Gene ID	165721
mRNA Refseq	NM_153330
Protein Refseq	NP_699161
MIM	611337
UniProt ID	Q8NHS0
Chromosome Location	3q21.3
Function	heat shock protein binding; unfolded protein binding;

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