Recombinant Human DNAJB8, His-tagged

Cat. No. DNAJB8-4730H **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.
Species	Human
Source	Human
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 Weight	27.8 kDa (252aa), confirmed by MALDI-TOF
Purity	> 90% by SDS - PAGE
Concentration	0.25 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MANYYEVLGV QASASPEDIK KAYRKLALRW HPDKNPDNKE EAEKKFKLVS EAYEVLSDSK KRSLYDRAGC DSWRAGGGAS TPYHSPFDTG YTFRNPEDIF REFFGGLDPF SFEFWDSPFN SDRGGRGHGL RGAFSAGFGE FPAFMEAFSS FNMLGCSGGS HTTFSSTSFG GSSSGSSGFK

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	SVMSSTEMIN GHKVTTKRIV ENGQERVEVE EDGQLKSVTV NGKEQLKWMD SK
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.

GENE INFORMATION

Gene Name	DNAJB8 DnaJ (Hsp40) homolog, subfamily B, member 8 [Homo sapiens]
Official Symbol	DNAJB8
Synonyms	DNAJB8; DJ6; MGC33884; DnaJ (Hsp40) homolog, subfamily B, member 8; dnaJ homolog subfamily B member 8; OTTHUMP00000216243; DnaJ homolog, subfamily B, member 8
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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