

Recombinant Human DNAJB2 Protein, His-tagged

Cat. No. DNAJB2-2170H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNAJB2 Protein (Met1-Phe277) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Phe277
Description	This gene is almost exclusively expressed in the brain, mainly in the neuronal layers. It encodes a protein that shows sequence similarity to bacterial DnaJ protein and the yeast homologs. In bacteria, this protein is implicated in protein folding and protein complex dissociation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.3 kDa Accurate Molecular Mass: 37 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	DNAJB2 DnaJ (Hsp40) homolog, subfamily B, member 2 [Homo sapiens (human)]
Official Symbol	DNAJB2
Synonyms	DNAJB2; DnaJ (Hsp40) homolog, subfamily B, member 2; HSJ1; dnaJ homolog subfamily B member 2; HSPF3; heat shock protein J1; dnaJ protein homolog 1; heat shock 40 kDa protein 3; heat shock protein, neuronal DNAJ-like 1; HSJ-1;
Gene ID	3300
mRNA Refseq	NM_001039550
Protein Refseq	NP_001034639
MIM	604139
UniProt ID	P25686

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