Recombinant Human DNAJB2, GST-tagged

Cat. No. DNAJB2-12063H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNAJB2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-324a.a.
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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	DNAJB2 DnaJ (Hsp40) homolog, subfamily B, member 2 [Homo sapiens]

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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
Chromosome Location	2q32-q34
Pathway	Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem;
Function	Hsp70 protein binding; heat shock protein binding; polyubiquitin binding; proteasome binding; protein binding; unfolded protein binding;

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