Recombinant Human DNAJB2, His-tagged

Cat. No. DNAJB2-26154TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human DNAJB2 isoform 2 with a N terminal His tag; total protein length is 300 aa inclusive of tag; predicted molecular weight 33 kDa.
Species	Human
Source	E.coli
ProteinLength	277 amino acids
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.
Conjugation	HIS
Molecular Weight	33.000kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: 0% NoneConstituents: 10% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0

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Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMGSMASYYEILDVPRSASADDIKKAYRRKALQWHP DKNPDNKEFAEKKFKEVAEAYEVLSDKHKREIYDRYGREGLTGTGTGPSRAEAGSG GPGFTFTFRSPEEVFREFFGSGDPFAELDDLGPFSELQNRGSRHSGPFFTFSSSFP GHSDFSSSSFSFSPGAGAFRSSTSTTFVQGRRITTRRIMENGQERVEVEEDGQLKS VTINGVPDDLALGLELSRREQQPSVTSRSGGTQVQQTPASCPLDSDLSEDEDLQLA MAYSLSEMEAAGKKPADVF

GENE INFORMATION

Gene Name	DNAJB2 DnaJ (Hsp40) homolog, subfamily B, member 2 [Homo sapiens]
Official Symbol	DNAJB2
Synonyms	DNAJB2; DnaJ (Hsp40) homolog, subfamily B, member 2; HSJ1; dnaJ homolog subfamily B member 2; HSPF3;
Gene ID	3300
mRNA Refseq	NM_001039550
Protein Refseq	NP_001034639
MIM	604139
Uniprot ID	P25686
Chromosome Location	2q32-q34

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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;

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