

Recombinant Human DNAJB6, His-tagged

Cat. No. DNAJB6-26155TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human DNAJB6 with an N terminal His tag; 349 amino acids with the tag, predicted mwt: 38.5 kDa.
Species	Human
Source	E.coli
ProteinLength	326 amino acids
Description	This gene encodes a member of the DNAJ protein family. DNAJ family members are characterized by a highly conserved amino acid stretch called the J-domain and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly. This family member may also play a role in polyglutamine aggregation in specific neurons. Alternative splicing of this gene results in multiple transcript variants; however, not all variants have been fully described.
Conjugation	HIS
Molecular Weight	38.500kDa inclusive of tags
Tissue specificity	Widely expressed. Highest levels in testis and brain, and lower levels in heart, spleen, intestine, ovary, placenta, lung, kidney, pancreas, thymus, prostate, skeletal muscle, liver and leukocytes. In testis, expressed in germ cells in the earlier stages

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Form	Liquid
Purity	by SDS-PAGE
Storage buffer	Preservative: None Constituents: 30% Glycerol, 0.2M Sodium chloride, 5mM DTT, 20mM Tris HCl, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	DNAJB6-26155TH is purified using conventional chromatography techniques.
Sequence Similarities	Contains 1 J domain.

GENE INFORMATION

Gene Name	DNAJB6 DnaJ (Hsp40) homolog, subfamily B, member 6 [Homo sapiens]
Official Symbol	DNAJB6
Synonyms	DNAJB6; DnaJ (Hsp40) homolog, subfamily B, member 6; dnaJ homolog subfamily B member 6; MRJ;
Gene ID	10049
mRNA Refseq	NM_005494
Protein Refseq	NP_005485
MIM	611332

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Uniprot ID	O75190
Chromosome Location	7q36.3
Function	ATPase activator activity; DNA binding; chaperone binding; heat shock protein binding; protein binding;

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