

Recombinant Human DNAJB11, His-tagged

Cat. No. DNAJB11-28366TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human DNAJB11 with an N terminal His tag; 357 amino acids with a predicted MWt 40.5kDa including tag.
Species	Human
Source	E.coli
ProteinLength	336 amino acids
Description	DNAJB11 belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity.
Conjugation	HIS
Molecular Weight	40.500kDa inclusive of tags
Tissue specificity	Widely expressed.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 2mM DTT, 100mM Sodium chloride, pH 8

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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	MGSSHHHHHHSSGLVPRGSHMGRDFYKILGVPRASIKDIKKAYRKALQLHPDRN PDDPQAQEKFDLGAAYEVLSDSEKRKQYDTYGEEGLKDGHQSSHGDIFSHFFGD FGFMFGGTTPRQQDRNIPRGSDIIVDLEVTLEEVYAGNFVEVVRNKPVARQAPGKRK CNCRQEMRTTQLGPGRFQMTQEVVCDPCPNVKLVNEERTLEVEIEPGVRDGMIEYP FIGEGEPHVDGEPGDLRFRIKVVKHPIFERRGDDLYTNVTISLVESLVGFEMDITHLD GHKVVHISRDKITRPGAKLWKKGEGLPNFDNNNIKGLIITFDVDFPKEQLTEEAREGIK QLLKQGSVQKVYNGLQGY
Sequence Similarities	Contains 1 J domain.
GENE INFORMATION	
Gene Name	DNAJB11 DnaJ (Hsp40) homolog, subfamily B, member 11 [Homo sapiens]
Official Symbol	DNAJB11
Synonyms	DNAJB11; DnaJ (Hsp40) homolog, subfamily B, member 11; dnaJ homolog subfamily B member 11; EDJ; ERdj3; HEDJ;
Gene ID	51726
mRNA Refseq	NM_016306
Protein Refseq	NP_057390
MIM	611341

Uniprot ID	Q9UBS4
Chromosome Location	3q27
Pathway	Activation of Chaperones by IRE1alpha, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem; Unfolded Protein Response, organism-specific biosystem;
Function	heat shock protein binding; unfolded protein binding;

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