

Recombinant Human DNAJB11, His-tagged

Cat. No. DNAJB11-28367TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 44-358 of Human DNAJB11 with an N terminal His tag. Predicted mwt: 37 kDa;
Species	Human
Source	E.coli
ProteinLength	44-358 a.a.
Description	DNAJB11 belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity.
Conjugation	HIS
Tissue specificity	Widely expressed.
Form	Lyophilised:Reconstitute with 107 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	AYRKLALQLHPDRNPDDPQAQEKFQDLGAAYEVLSDSEKR KQYDTYGEEGLKDGH QSSHGDIFSHFFGDFGMFGGTP RQQDRNIPRGSDIIVDLEVTLEEVYAGNFVEVVR

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NKPVAR QAPGKRKCNCRQEMRTTQLGPGRFQMTQEVCDECPNV KLVNEERTLE
 VEIEPGVRDGM EYPPFIGEGEPHVDGEPG DLRFRIVVKHPIFERRGDDLYTNVTISL
 VESLVGFEMDI THLDGHKVHISRDKITRPGAKLWKKGEGLPNFDNNNIK GSLIITFDV
 DFPKEQLTEEAREGIKQLLKQGSVQKVYN GLQGY

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,

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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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