

Recombinant Human DNAJB11, His-tagged

Cat. No. DNAJB11-12059H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNAJB11 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	23-358a.a.
Description	DNAJB11 belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus; a glycine/phenylalanine (G/F)-rich region; and a C-terminal cysteine-rich region (Ohtsuka and Hata, 2000 [PubMed 11147971]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	DNAJB11 DnaJ (Hsp40) homolog, subfamily B, member 11 [Homo sapiens]
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Official Symbol	DNAJB11
Synonyms	DNAJB11; DnaJ (Hsp40) homolog, subfamily B, member 11; dnaJ homolog subfamily B member 11; EDJ; ERdj3; HEDJ; DnaJ protein 9; human DnaJ protein 9; dnaJ protein homolog 9; APOBEC1-binding protein 2; PWP1-interacting protein 4; ER-associated DNAJ protein 3; ER-associated Hsp40 co-chaperone; DJ9; Dj-9; ERj3; ABBP2; ERj3p; hDj-9; ABBP-2; UNQ537; PRO1080;
Gene ID	51726
mRNA Refseq	NM_016306
Protein Refseq	NP_057390
MIM	611341
UniProt ID	Q9UBS4
Chromosome Location	3q27
Pathway	Activation of Chaperone Genes by XBP1(S), organism-specific biosystem; Activation of Chaperones by IRE1alpha, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, 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;