

Recombinant Full Length Human DNAJB11 Protein, GST-tagged

Cat. No. DNAJB11-3960HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNAJB11 full-length ORF (AAH01144, 1 a.a. - 358 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	358 amino acids
Description	This gene encodes a soluble glycoprotein of the endoplasmic reticulum (ER) lumen that functions as a co-chaperone of binding immunoglobulin protein, a 70 kilodalton heat shock protein chaperone required for the proper folding and assembly of proteins in the ER. The encoded protein contains a highly conserved J domain of about 70 amino acids with a characteristic His-Pro-Asp (HPD) motif and may regulate the activity of binding immunoglobulin protein by stimulating ATPase activity. [provided by RefSeq, Mar 2014]
Molecular Mass	65.12 kDa
AA Sequence	MAPQNLSTFCLLLLYLIGAVIAGRDFYKILGVPRASIKDIKKAYRKLALQLHPDRNPD DPQAQEKFQDLGAAYEVLSDSEKRRKQYDTYGEEGLKDGHQSSHGDIFSHFFGDFG FMFGGTTPRQQDRNIPRGSDIIVDLEVTLEEVYAGNFVEVVRNKPVARQAPGKRKCN CRQEMRTTQLGPGRFQMTQEVCDECPNVKLVNEERTLEVEIEPGVRDGM EY PFI GEGEPHVDGEPGDLRFRIKVVKHPIFERRGDDLYTNVTISLVESLVGFEMDITHLDGH

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	KVHISRDKITRPGAKLWKKGEGLPNFDNNNIKGSLITFDVDFPKEQLTEEAREGIKQL LKQGSVQKVYNGLQGY
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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; 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

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MIM	611341
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UniProt ID	Q9UBS4
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