

DNAJB11 recombinant protein

DNAJB11, 23-358aa, Human, His tag, E Coli

CATALOG # AAA48653	HOST E Coli	APPLICATIONS SDS-Page
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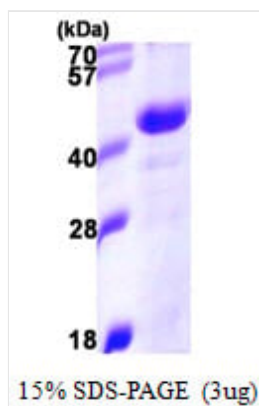
PRODUCT SYNONYMS

DNAJB11; 23-358aa; Human; His tag; E Coli; DnaJ homolog subfamily B member 11; ABBP-2; ABBP2; DJ9; EDJ; ERdj3; ERj3; hDj9; HEDJ; PRO1080; uNQ537; DNAJB11 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MGRDFYKILG VPRSASIKDI KKAYRKLALQ LHPDRNPDDP QAQEKFDLG AAYEVLSDSE KRKQYDTYGE EGLKDGHQSS HGDIFSHFFG DFGFMFGGTP RQQDRNIPRG SDIIVDLEVT LEEVYAGNFV EVVRNKPVAR QAPGKRKCNC RQEMRTTQLG PGRFQMTQEV VCDECPNVKL VNEERTLEVE IEPGVRDGM E YPFIGEGEPH VDGE PGDLRF RIKVVKHPIF ERRGDDLYTN VTISLVESLV GFEMDITHLD GHKVVHSRDK ITRPGAKLWK KGEGLPNFDN NNIKGLIIT FDVDFPKEQL TEEAREGIKQ LLKQGSVQKV YNGLQGY
Sequence Length	358
Applicable Applications for DNAJB11 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DNAJB11 recombinant protein	DNAJB11 belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. It serves as a co-chaperone for HSPA5 and binds directly to both unfolded proteins that are substrates for ERAD and nascent unfolded peptide chains, but dissociates from the HSPA5-unfolded protein complex before folding is completed. Recombinant human DNAJB11 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for DNAJB11 recombinant protein	Heat Shock Proteins
References	Nakanishi K., et al. (2004) Cell Stress Chaperones. 9 (3):253-64. ; Yu M., et al. (2000) J Biol Chem. 275 (32):24984-92.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706495
NCBI GeneID	51726
NCBI Accession #	NP_057390
NCBI GenBank Nucleotide #	NM_016306.5
UniProt Accession #	Q9UBS4; Q542Y5; Q542Y9; Q6IAQ8; Q96JC6
Molecular Weight	40.5 kDa (357aa), confirmed by MALDI-TOF
NCBI Official Full Name	dnaJ homolog subfamily B member 11
NCBI Official Synonym Full Names	DnaJ heat shock protein family (Hsp40) member B11
NCBI Official Symbol	DNAJB11
NCBI Official Synonym Symbols	DJ9; EDJ; Dj-9; ERj3; ABBP2; ERdj3; ERj3p; ABBP-2; UNQ537; PRO1080
NCBI Protein Information	dnaJ homolog subfamily B member 11
UniProt Protein Name	DnaJ homolog subfamily B member 11
UniProt Gene Name	DNAJB11
UniProt Synonym Gene Names	EDJ; ERJ3; HDJ9; ABBP-2; ER-resident protein ERdj3; ERdj3; ERj3p; hDj-9

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.