

Product datasheet for **AR09925PU-S**

DNAJB11 (23-358, His-tag) Human Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | DNAJB11 (23-358, His-tag) human recombinant protein, 10 µg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | <u>MGSSHHHHHH SGLVPRGSH MGRDFYKILG VPRSASIKDI KKAYRKLALQ LHPDRNPDDP QAQEKFDLG AAYEVLSDSE KRKQYDTYGE EGLKDGHQSS HGDIFSHFFG DFGFMFGGTP RQQDRNIPRG SDIIVDLEVT LEEVYAGNFV EVVRNKPVAR QAPGKRKCNC RQEMRTTQLG PGRFQMTQEV VCDECPNVKL VNEERTLEVE IEPGVRDGM E YPFIGEGEPH VDGEPEGDLRF RIKVVKHPIF ERRGDDLYTN VTISLVESLV GFEMDITHLD GHKVVHISRDK ITRPGAKLWK KGEGLPNFDN NNIKGLIIT FDVDFPKEQL TEEAREGIKQ LLKQGSVQKV YNGLQGY</u> |
| Tag: | His-tag |
| Predicted MW: | 40.5 kDa |
| Concentration: | lot specific |
| Purity: | >90% |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2 mM DTT, 0.1M NaCl |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human DNAJB11 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. |
| Storage: | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | <u>NP_057390</u> |
| Locus ID: | 51726 |
| UniProt ID: | <u>Q9UBS4</u> |
| Cytogenetics: | 3q27.3 |
| Synonyms: | ABBP-2; ABBP2; Dj-9; DJ9; EDJ; ERdj3; ERj3; ERj3p; PKD6; PRO1080; UNQ537 |



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Summary:

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]

Protein Families:

Transmembrane

Product images: