

## Product datasheet for **AR50736PU-N**

### DNAJB4 / HSP40 homolog (1-337, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	DNAJB4 / HSP40 homolog (1-337, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSSLVPRGSH MGSMGKDYIC ILGIEKGASD EDIKKAYRKQ ALKFHPDKNK SPQAEKFKKE VAEAYEVLSD PKKREIYDQF GEEGLKGGAG GTDGGGGTFR YTFHGDPHAT FAFFGGSNP FEIFFGRRMG GGRDSEEMEI DGDPFSAFGF SMNGYPRDRN SVGPSRLKQD PPVIHELRSV LEEIYSGCTK RMKISRKRLN ADGRSYRSED KILTIEIKKG WKEGKITFP REGDETPNSI PADIVFIKD KDHPKFKRDG SNIYTAKIS LREALCGCSI NVPTLDGRNI PMSVNDIVKP GMRRRIIGYG LFPKPNPQQR GDLLIEFEVS FPDITSSSSK EVLRKHLPAS
Tag:	His-tag
Predicted MW:	40 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 0.2M NaCl, 30% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DNAJB4 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 one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001304028</a>
Locus ID:	11080
UniProt ID:	<a href="#">Q9UDY4</a>
Cytogenetics:	1p31.1
Synonyms:	DJB4; DNAJW; HLJ1



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**Summary:**

The protein encoded by this gene is a molecular chaperone, tumor suppressor, and member of the heat shock protein-40 family. The encoded protein binds the cell adhesion protein E-cadherin and targets it to the plasma membrane. This protein also binds incorrectly folded E-cadherin and targets it for endoplasmic reticulum-associated degradation. This gene is a strong tumor suppressor for colorectal carcinoma, and downregulation of it may serve as a good biomarker for predicting patient outcomes. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]

**Product images:**