

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 SSGLVPRGSH MGSMGKDYYC ILGIEKGASD EDIKKAYRKQ ALKFHPDKNK SPQAEEKFKE VAEAYEVLSD PKKREIYDQF GEEGLKGGAG GTDGQGGTFR YTFHGDPHAT FAAFFGGSNP FEIFFGRRMG GGRDSEEMEI DGDPFSAFGF SMNGYPRDRN SVGPSRLKQD PPVIHELRVS LEEIYSGCTK RMKISRKRLN ADGRSYRSED KILTIEIKKG WKEGTKITFP REGDETPNSI PADIVFIIKD KDHPKFKRDG SNIIYTAKIS LREALCGCSI NVPTLDGRNI PMSVNDIVKP GMRRRIIGYG LPFPKNPDQR GDLLIEFEVS FPDTISSSSK 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:	<u>NP 001304028</u>
Locus ID:	11080
UniProt ID:	Q9UDY4
Cytogenetics:	1p31.1
Synonyms:	DjB4; DNAJW; HLJ1

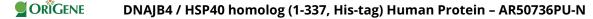


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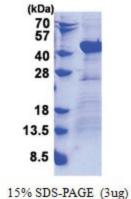
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Summary: The protein encoded by this gene is a molecular chaperone, tumor suppressor, and member of the heat shock protein-40 family. The encoded protein binds the cell adhesion protein Ecadherin and targets it to the plasma membrane. This protein also binds incorrectly folded Ecadherin 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:



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