

## Product datasheet for **AR09906PU-L**

### **PFDN6 / HKE2 (1-129, His-tag) Human Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	PFDN6 / HKE2 (1-129, His-tag) human recombinant protein, 0.25 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	<u>MGSSHHHHHH SSSLVPRGSH</u> MAELIQKKLQ GEVEKYQQLQ KDLSKMSMGR QKLEAQLTEN NIVKEELALL DGSNVVFKLL GPVLVKQELG EARATVGKRL DYITAEIKRY ESQLRDLERQ SEQQRETLAQ LQQEFQRAQA AKAGAPGKA
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	16.7 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95%
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 1 mM DTT, 10% glycerol
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human PFDN6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<u>NP_001172110</u>
<b>Locus ID:</b>	10471
<b>UniProt ID:</b>	<u>O15212, Q5STK2</u>
<b>Cytogenetics:</b>	6p21.32
<b>Synonyms:</b>	H2-KE2; HKE2; KE-2; PFD6



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**Summary:**

PFDN6 is a subunit of the heteromeric prefoldin complex that chaperones nascent actin (see MIM 102560) and alpha- and beta-tubulin (see MIM 602529 and MIM 191130, respectively) chains pending their transfer to the cytosolic chaperonin containing TCP1 (MIM 186980) (CCT) complex (Hansen et al., 1999 [PubMed 10209023]).[supplied by OMIM, Jul 2010]

**Protein Families:**

Stem cell - Pluripotency

**Product images:**