

## Product datasheet for **AR09744PU-L**

### UCK2 (1-261, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	UCK2 (1-261, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MAGDSEQTLQ NHQQPNGGEP FLIGVSGGTA SGKSSVCAKI VQLLGQNEVD YRQKQVWILS QDSFYRVLTS EQKAKALKGQ FNFDPDAFD NELILKTLKE ITEGKTVQIP VYDFVSHSRK EETVTVYPAD VVLFEGILAF YSQEVRDLFQ MKLFVDTDAD TRLSRRVLRD ISERGRDLEQ ILSQYITFKV PAFEEFCLPT KKYADVIPR GADNLVAINL IVQHIQDILN GGPSKRQTNG CLNGYTPSRK RQASESSSRP <u>HLEHHHHHH</u>
Tag:	His-tag
Predicted MW:	30.3 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 20% glycerol, 2 mM DTT, 100 mM NaCl, 0.1 mM PMSF, 1 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human UCK2 protein, fused to His-tag at C-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><a href="#">NP_036606</a></u>
Locus ID:	7371
UniProt ID:	<u><a href="#">Q9BZX2</a></u>
Cytogenetics:	1q24.1
Synonyms:	UCK 2, Uridine-cytidine kinase 2, TSA903, UMPK



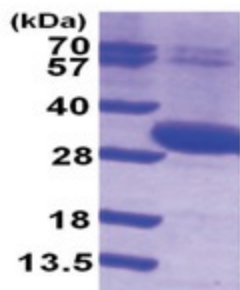
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**Summary:** This gene encodes a pyrimidine ribonucleoside kinase. The encoded protein (EC 2.7.1.48) catalyzes phosphorylation of uridine and cytidine to uridine monophosphate (UMP) and cytidine monophosphate (CMP), respectively.[provided by RefSeq, Oct 2010]

**Protein Families:** Druggable Genome

**Protein Pathways:** Drug metabolism - other enzymes, Metabolic pathways, Pyrimidine metabolism

**Product images:**



15% SDS-PAGE (3ug)