

## Product datasheet for **AR09645PU-N**

### Uridine phosphorylase 1 (UPP1) (1-310, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Uridine phosphorylase 1 (UPP1) (1-310, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSSLVPRGSH</u> MAATGANA EK AESHND CPVR LLNPNI AKMK EDILYHF NLT TSRHNF PALF GDVKFVCVGG SPSRMKAFIR CVGAELGLDC PGRDYPNICA GTDRYAMYKV GPVLSVSHGM GIPSISIMLH ELIKLLYYAR CSNVTIIRIG TSGGIGLEPG TVVITEQAVD TCFKAEFEQI VLGKRVIRKT DLNKKLVQEL LLCSAELSEF TTVVGNTMCT LDFYEGQGRL DGALCSYTEK DKQAYLEAAY AAGVRNIEME SSVFAAMCSA CGLQAAVCV TLLNRLEGDQ ISSPRNVLSE YQQRPQLVS YFIKKKLSKA
Tag:	His-tag
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 40% glycerol, 200 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human UPP1 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_001274355</u>
Locus ID:	7378
UniProt ID:	<u>Q16831</u> , <u>B4DND0</u>
Cytogenetics:	7p12.3
Synonyms:	UDRPASE; UP; UPASE; UPP



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**Summary:**

This gene encodes a uridine phosphorylase, an enzyme that catalyzes the reversible phosphorylation of uridine (or 2'- deoxyuridine) to uracil and ribose-1-phosphate (or deoxyribose-1-phosphate). The encoded enzyme functions in the degradation and salvage of pyrimidine ribonucleosides. [provided by RefSeq, Oct 2016]

**Protein Pathways:**

Drug metabolism - other enzymes, Metabolic pathways, Pyrimidine metabolism

**Product images:**