

## Product datasheet for **AR09549PU-N**

### UROD (1-367, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	UROD (1-367, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MEANGLGPQG FELKNDTFL RAAWGEETDY TPVWCMRQAG RYLPEFRETR AAQDFSTCR SPEACCELTL QPLRRFPLDA AIFSDILVV PQALGMEVTM VPGKGPSFPE PLREEQDLER LRDPEVWASE LGYVFQAITL TRQRLAGRVP LIGFAGAPWT LMTYMVEGGG SSTMAQAKRW LYQRPQASHQ LLRILTDALV PYLVGQVVAG AQALQLFESH AGHLGPQLFN KFALPYIRDV AKQVKARLRE AGLAPVPMII FAKDGHFALE ELAQAGYEVW GLDWTVAPKK ARECVGKTVT LQVNLDPCAL YASEEEIGQL VKQMLDDFGP HRYIANLGHG LYPDMDPEHV GAFVDAVHKH SRRLLRQN
Tag:	His-tag
Concentration:	lot specific
Purity:	>95% by SDS – PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1 mM DTT, 0.1M NaCl, and 1 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human UROD 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_000365</u>
Locus ID:	7389
UniProt ID:	<u>P06132</u>
Cytogenetics:	1p34.1



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**Synonyms:** PCT; UPD

**Summary:** This gene encodes an enzyme in the heme biosynthetic pathway. This enzyme is responsible for catalyzing the conversion of uroporphyrinogen to coproporphyrinogen through the removal of four carboxymethyl side chains. Mutations and deficiency in this enzyme are known to cause familial porphyria cutanea tarda and hepatoerythropoetic porphyria. [provided by RefSeq, Aug 2010]

**Protein Families:** Druggable Genome

**Protein Pathways:** Porphyrin and chlorophyll metabolism

**Product images:**

