

Product datasheet for AR09549PU-N

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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

MGSSHHHHHH SSGLVPRGSH MEANGLGPQG FPELKNDTFL RAAWGEETDY TPVWCMRQAG or AA Sequence: RYLPEFRETR AAQDFFSTCR SPEACCELTL QPLRRFPLDA AIIFSDILVV PQALGMEVTM VPGKGPSFPE

> PLREEQDLER LRDPEVVASE LGYVFQAITL TRQRLAGRVP LIGFAGAPWT LMTYMVEGGG SSTMAQAKRW LYQRPQASHQ LLRILTDALV PYLVGQVVAG AQALQLFESH AGHLGPQLFN KFALPYIRDV AKQVKARLRE AGLAPVPMII FAKDGHFALE ELAQAGYEVV GLDWTVAPKK ARECVGKTVT LQVNLDPCAL YASEEEIGQL VKQMLDDFGP HRYIANLGHG LYPDMDPEHV

GAFVDAVHKH SRLLRQN

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: NP 000365

Locus ID: 7389 **UniProt ID:** P06132 Cytogenetics: 1p34.1





Synonyms: PCT; UPD

Summary: This gene encodes an enzyme in the heme biosynthetic pathway. This enzyme is responsible

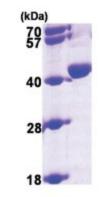
for catalyzing the conversion of uroporphyrinogen to coproporphyrinogen through the removal of four carboxymethyl side chains. Mutations and deficiency in this enzyme are known to cause familial porphyria cutanea tarda and hepatoerythropoetic porphyria.

[provided by RefSeq, Aug 2010]

Protein Families: Druggable Genome

Protein Pathways: Porphyrin and chlorophyll metabolism

Product images:



15% SDS-PAGE (3ug)