

Product datasheet for TP300529

UROD (NM_000374) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human uroporphyrinogen decarboxylase (UROD), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200529 protein sequence Red=Cloning site Green=Tags(s)

MEANGLGPQGFPPELKNDFLRAAWGEETDYTPVWCMRQAGRYLPEFRETRAAQDFSTCRSPEACCELTL
QPLRRFPLDAAIIFSDILVWPQALGMEVTMVPKGPSPFPEPLREEQDLERLRDPEVASELGYVVFQAITL
TRQRLAGRVPLIGFAGAPWTLMTYMVEGGSSSTMAQAKRWLYQRPQASHQLLRILTALVPYLVGQVWAG
AQALQLFESHAGHLGPQLFNKFALPYIRDVAKQVKARLREAGLAPVPMIIFAKDGHFALEELAQAGYEVV
GLDWTVAPKKARECVGKTVTLQVNLDPALYASEEEIGQLVKQMLDDFGPHRYIANLGHGLYPDMDPEHV
GAFVDAVHKHSRLLRQN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	40.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_000365
Locus ID:	7389



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UniProt ID: [P06132](#)

RefSeq Size: 1408

Cytogenetics: 1p34.1

RefSeq ORF: 1101

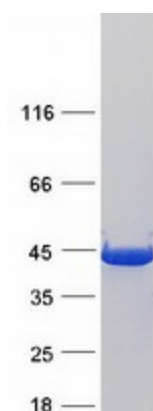
Synonyms: PCT; UPD

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:



Coomassie blue staining of purified UROD protein (Cat# TP300529). The protein was produced from HEK293T cells transfected with UROD cDNA clone (Cat# [RC200529]) using MegaTran 2.0 (Cat# [TT210002]).