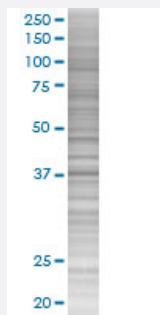


UROD 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007389-T02

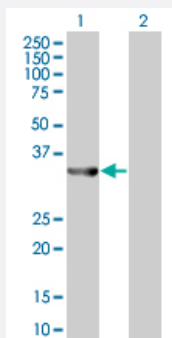
Size 100 uL

Applications



SDS-PAGE Gel

UROD transfected lysate.



Western Blot

Lane 1: UROD transfected lysate (40.48 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-UROD full-length

Host Human

Theoretical MW (kDa) 40.48

Quality Control Testing Transient overexpression cell lysate was tested with Anti-UROD antibody ([H00007389-B01](#)) by Western Blots.
 SDS-PAGE Gel
 UROD transfected lysate.
 Western Blot
 Lane 1: UROD transfected lysate (40.48 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — UROD

Entrez GeneID[7389](#)**GeneBank Accession#**[BC001778.1](#)**Protein Accession#**[P1](#)**Gene Name**

UROD

Gene Alias

PCT

Gene Description

uroporphyrinogen decarboxylase

Omim ID[176100](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes the fifth enzyme of 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]

Other Designations

OTTHUMP00000010502|fifth enzyme of heme biosynthetic pathway|fifth enzyme of the heme biosynthetic pathway|uroporphyrinogen III decarboxylase

Pathway

- [Porphyrin and chlorophyll metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Porphyria](#)
- [Porphyria Cutanea Tarda](#)