

## Recombinant Human UROD protein, GST-tagged

**Cat. No.** UROD-3608H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human UROD protein(1-367 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 1-367 aa                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.                                                                                                                                                                   |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                                                                                                                                            |
| <b>AA Sequence</b>      | MEANGLGPQGFPELKNDTFLRAAWGEETDYTPVWCMRQAGRYLPEFRETRAQAQD<br>FFSTCRSPEACCELTLQPLRRFPLDAAIIFSDILVVPQALGMEVTMVPKGKPSFPEPL<br>REEQDLERLRDPEVVASELGYVFQAITLTRQRLAGRVPLIGFAGAPWTLMTYMVEG<br>GGSSTMAQAKRWLYQRPQASHQLLRILTDALVPYLVGQVWAGAQAQLQLFESHAGHL<br>GPQLFNKFALPYIRDVAKQVKARLREAGLAPVPMIIFAKDGHFALEELAQAGYEVVGL<br>DWTVAPKKARECVGKTVTLQVNLDPCALYASEEEIGQLVKQMLDDFGPHRYIANLG<br>HGLYPDMDPEHVGAFVDAVHKHSRLLRQN |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Purity** 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

## GENE INFORMATION

**Official Symbol** [UROD](#)

**Synonyms** UROD; uroporphyrinogen decarboxylase; uroporphyrinogen III decarboxylase; PCT; UPD;

**Gene ID** [7389](#)

**mRNA Refseq** [NM\\_000374](#)

**Protein Refseq** [NP\\_000365](#)

**MIM** [613521](#)

**UniProt ID** [P06132](#)

## SDS-PAGE



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