

## Recombinant Human UROD Protein, His-tagged

**Cat. No.** UROD-621H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human UROD(Met1-Asn367) fused with His tag at C-terminal was expressed in E. coli.                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-367 a.a.                                                                                                                                                                                   |
| <b>Description</b>      | Catalyzes the decarboxylation of four acetate groups of uroporphyrinogen-III to yield coproporphyrinogen-III.                                                                                |
| <b>Form</b>             | 20mM Tris-HCl, 100mM NaCl, 1mM DTT, 1mM EDTA, pH 8.0. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions. |
| <b>Molecular Mass</b>   | 43 kDa                                                                                                                                                                                       |
| <b>Endotoxin</b>        | < 0.1 EU per $\mu$ g protein as determined by LAL test                                                                                                                                       |
| <b>Purity</b>           | >95% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                   |
| <b>Concentration</b>    | >50 $\mu$ g/mL as determined by microplate BCA method                                                                                                                                        |

### GENE INFORMATION

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|                 |                                                                                     |
|-----------------|-------------------------------------------------------------------------------------|
| Gene Name       | UROD uroporphyrinogen decarboxylase [ Homo sapiens ]                                |
| 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                                                                              |

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