

## Recombinant Mouse Urod Protein, Myc/DDK-tagged

**Cat. No.** Urod-6857M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length uroporphyrinogen decarboxylase (Urod), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                          |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                     |
| <b>Description</b>      | This gene encodes an enzyme that catalyzes the conversion of uroporphyrinogen-III to coproporphyrinogen-III, an intermediate step in heme biosynthesis. Homozygous knockout mice for this gene exhibit embryonic lethality. [provided by RefSeq, Aug 2015] |
| <b>Molecular Mass</b>   | 40.7 kDa                                                                                                                                                                                                                                                   |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                              |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                             |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                           |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                      |

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## GENE INFORMATION

|                 |                                                                    |
|-----------------|--------------------------------------------------------------------|
| Gene Name       | Urod uroporphyrinogen decarboxylase [ Mus musculus (house mouse) ] |
| Official Symbol | Urod                                                               |
| Synonyms        | UROD; uroporphyrinogen decarboxylase; UPD; Uro-d; AI323803         |
| Gene ID         | 22275                                                              |
| mRNA Refseq     | NM_009478                                                          |
| Protein Refseq  | NP_033504                                                          |
| UniProt ID      | P70697                                                             |

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