

Recombinant Mouse Urod Protein, His-tagged

Cat. No. Urod-540M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Urod Protein (Met1-Asn367) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Asn367
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 44.5 kDa Accurate Molecular Mass: 43 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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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