

Recombinant Mouse Uros Protein, Myc/DDK-tagged

Cat. No. Uros-6858M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length uroporphyrinogen III synthase (Uros), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is the fourth enzyme in the heme biosynthesis pathway. It converts hydroxymethylbilane to uroporphyrinogen III, a cyclic tetrapyrrole. This enzyme is defective in the autosomal recessive disorder congenital erythropoietic porphyria. Alternate promoter usage controls cell type-specific expression, including erythroid cell-specific expression. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2014]
Molecular Mass	28.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Uros uroporphyrinogen III synthase [*Mus musculus* (house mouse)]

Official Symbol Uros

Synonyms UROS; uroporphyrinogen III synthase; uroporphyrinogen-III synthase; UROIIS; URO-synthase; uroporphyrinogen-III cosynthase; uroporphyrinogen-III cosynthetase; hydroxymethylbilane hydrolyase (cyclizing); Uros3; A1415298

Gene ID 22276

mRNA Refseq NM_009479

Protein Refseq NP_033505

UniProt ID P51163

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