

## Product datasheet for **TP300385M**

### UROS (NM\_000375) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human uroporphyrinogen III synthase (UROS), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC200385 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MKVLKLLKDAKEDDCGQDPYIRELGLYGLEATLIPVLSFEFLSLPSFSEKLSHPEDYGGGLIFTSRAVEAA  
ELCLEQNNKTEVWERSLKEKWNNAKSVYVWGNATASLVSKIGLDTEGETCGNAEKLAEYICSSRESSALPLL  
FPCGNLKRILPKALKDKGIAMESITVYQTVAHPIQGNLNSYYSQQGVASITFFSPSGLTYSCLKHIQE  
LSGDNIDQIKFAAIGPTTARALAAQGLPVSCTAESPTPQALATGIRKALQPHGCC

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 28.4 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_000366](#)

**Locus ID:** 7390

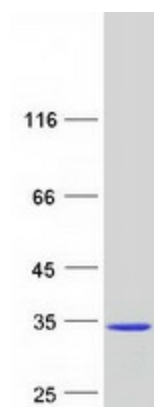
**UniProt ID:** [P10746](#), [A0A0S2Z4T8](#)



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RefSeq Size:	1371
Cytogenetics:	10q26.2
RefSeq ORF:	795
Synonyms:	UROIIIS
Summary:	The protein encoded by this gene catalyzes the fourth step of porphyrin biosynthesis in the heme biosynthetic pathway. Defects in this gene cause congenital erythropoietic porphyria (Gunther's disease). [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Porphyrin and chlorophyll metabolism

### Product images:



Coomassie blue staining of purified UROS protein (Cat# [TP300385]). The protein was produced from HEK293T cells transfected with UROS cDNA clone (Cat# [RC200385]) using MegaTran 2.0 (Cat# [TT210002]).