

## Product datasheet for PH300385

### UROS (NM\_000375) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	UROS MS Standard C13 and N15-labeled recombinant protein (NP_000366)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200385
Predicted MW:	28.6 kDa
Protein Sequence:	>RC200385 protein sequence Red=Cloning site Green=Tags(s)  MKVLLKDAKEDDCGQDPYIRELGLYGLEATLIPVLSFEFLSLPSFSEKLSHPEDYGGILFTSPRAVEAA ELCLEQNNKTEVWERSLKEKWNKSVYVVG NATASLVSKI GLDTEGETCGNAEKLAEYICRESSALPLL FPCGNLKR EILPKALKDKGIAMESITVYQTV AHPGIQGNLSYYSQQGVPASITFFSPSGLTYS LKHIQE LSGDNIDQIKFAAIGPTTARALAAQGLPV SCTAESPTPQALATGIRKALQPHGCC  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_000366</a>
RefSeq Size:	1371
RefSeq ORF:	795
Synonyms:	UROIIIS
Locus ID:	7390
UniProt ID:	<a href="#">P10746</a> , <a href="#">A0A0S2Z4T8</a>



[View online »](#)

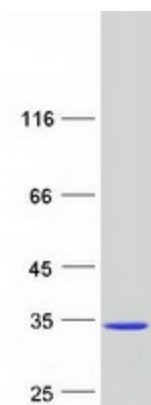
**Cytogenetics:** 10q26.2

**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]).