

Product datasheet for **TP300385**

UROS (NM_000375) Human Recombinant Protein

Product data:

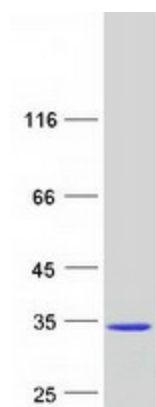
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human uroporphyrinogen III synthase (UROS), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200385 protein sequence Red =Cloning site Green =Tags(s)
	MKVLLLKDAKEDDCGQDPYIRELGlyGLEATLIPVLSFEFLSLPSFSEKLSHPEDYGGGLIFTSPRAVEAA ELCLEQNNKTEVWERSLKEKWNNAKSVYVVG NATASLVSKIGLDTEGETCGNAEKLAEYICSSRESSALPLL FPCGNLKREILPKALKDKGIAMESITVYQTV AHPGIQGNLNSYYSQQGV PASITFFSPSGLTYS LKHIQE LSGDNIDQIKFAAIGPTTARALAAQGLPV SCTAESPTPQALATGIRKALQPHGCC
	TR TRPLE QKLISEEDLA ANDILDYKDDDDKV
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:	<u>NP_000366</u>
Locus ID:	7390
UniProt ID:	<u>P10746</u> , <u>A0A0S2Z4T8</u>



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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 (Gunter'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]).