

Product datasheet for **TP720245**

UROD (NM_000374) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human uroporphyrinogen decarboxylase (UROD)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Asn367
Tag:	N-His
Predicted MW:	43 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_000365
Locus ID:	7389
UniProt ID:	P06132
Cytogenetics:	1p34.1
Synonyms:	PCT; UPD
Summary:	This gene encodes an enzyme in the heme biosynthetic pathway. This enzyme is responsible for catalyzing the conversion of uroporphyrinogen to coproporphyrinogen through the removal of four carboxymethyl side chains. Mutations and deficiency in this enzyme are known to cause familial porphyria cutanea tarda and hepatoerythropoetic porphyria. [provided by RefSeq, Aug 2010]
Protein Families:	Druggable Genome
Protein Pathways:	Porphyrim and chlorophyll metabolism



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Product images:

