

Product datasheet for **TP720245L**

UROD (NM_000374) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| 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: | Porphyrin and chlorophyll metabolism |



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Product images:

