

Recombinant Human UROD protein

Cat. No. UROD-1753H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UROD protein(26-141 aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	26-141 aa
Form	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM Tris-HCl, pH 8.0, 150 mM NaCl.
Molecular Mass	Approximately 12.8 kDa, a single non-glycosylated polypeptide chain containing 116 amino acids.
AASequence	APFRSALESS PADPATLSED EARLLLAALV QDYVQMKASE LEQEQUEREGS SLDSPRSKRC GNLSTCMLGT YTQDFNKFHT FPQTAIGVGA PGKKRDMSSD LERDHRPHVS MPQNAN
Endotoxin	Less than 0.1 EU/µg of rHuPCT/Procalcitonin as determined by LAL method.
Purity	> 98 % by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

reconstitution.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name [UROD uroporphyrinogen decarboxylase \[Homo sapiens \]](#)

Official Symbol [UROD](#)

Synonyms UROD; uroporphyrinogen decarboxylase; uroporphyrinogen III decarboxylase; PCT; UPD;

Gene ID [7389](#)

mRNA Refseq [NM_000374](#)

Protein Refseq [NP_000365](#)

MIM [613521](#)

UniProt ID [P06132](#)

SDS-PAGE

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