

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 SLDSPRSKRRC 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

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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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