

Recombinant Human Uroporphyrinogen Decarboxylase, His-tagged

Cat. No. UROD-156H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Procalcitonin produced in <i>E. Coli</i> is a single, non-glycosylated, polypeptide chain containing 114 amino acids fragment (3-116) having a molecular mass of 17.13 kDa and an amino-terminal his tag. The PCT is purified by standard chromatographic techniques.
Species	Human
Source	E.coli
ProteinLength	3-116 a.a.
Description	Procalcitonin is a peptide hormone mainly produced by the C cells of the thyroid and certain endocrine cells of the lung. Under normal expression conditions, procalcitonin is immediately cleaved into three specific fragments, an N terminal residue, calcitonin and katacalcitonin. Levels of unprocessed procalcitonin rise significantly after bacterial infection, trauma or shock.
Physical Appearance	Sterile Filtered clear solution.
Purity	Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Formulation	PCT is supplied in 1x PBS and 50% glycerol.

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Stability	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please prevent freeze-thaw cycles.
Pathways	Porphyrin and chlorophyll metabolism; Metabolism of porphyrins
GENE INFORMATION	
Gene Name	UROD uroporphyrinogen decarboxylase [Homo sapiens]
Synonyms	uroporphyrinogen decarboxylase; PCT; UROD; uroporphyrinogen III decarboxylase; fifth enzyme of heme biosynthetic pathway; fifth enzyme of the heme biosynthetic pathway; EC 4.1.1.37; UPD; URO-D; OTTHUMP00000010502
Gene ID	7389
mRNA Refseq	NM_000374
Protein Refseq	NP_000365
MIM	176100
UniProt ID	P06132
Chromosome Location	1p34
Function	uroporphyrinogen decarboxylase activity; lyase activity

PDB rendering based
on 1jph.



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