

Recombinant Human PPOX, His-tagged

Cat. No. PPOX-1900H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPOX protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	31-300aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	PPOX protoporphyrinogen oxidase [Homo sapiens]
Official Symbol	PPOX
Synonyms	PPOX; protoporphyrinogen oxidase; variegate porphyria , VP; PPO; VP; V290M; MGC8485;
Gene ID	5498

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mRNA Refseq	NM_000309
Protein Refseq	NP_000300
MIM	600923
UniProt ID	P50336
Chromosome Location	1q22
Pathway	Heme Biosynthesis, organism-specific biosystem; Heme biosynthesis, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of porphyrins, organism-specific biosystem; Porphyrin and chlorophyll metabolism, organism-specific biosystem; Porphyrin and chlorophyll metabolism, conserved biosystem;
Function	flavin adenine dinucleotide binding; nucleotide binding; oxidoreductase activity; oxygen-dependent protoporphyrinogen oxidase activity; oxygen-dependent protoporphyrinogen oxidase activity;

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