

PPOX 抗原（重组蛋白）

中文名称：PPOX 抗原（重组蛋白）

英文名称： PPOX Antigen (Recombinant Protein)

别名： protoporphyrinogen oxidase; VP; PPO; V290M

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 278-477 amino acids of human PPOX

技术规格：

Full name:	protoporphyrinogen oxidase
Synonyms:	VP; PPO; V290M
Swissprot:	P50336
Gene Accession:	BC002357
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes the penultimate enzyme of heme biosynthesis, which catalyzes the 6-electron oxidation of protoporphyrinogen IX to form protoporphyrin IX. Mutations in this gene cause variegate porphyria, an autosomal dominant disorder of heme metabolism resulting from a deficiency in protoporphyrinogen oxidase, an enzyme located on the inner mitochondrial membrane. Alternatively spliced transcript variants encoding the same protein have been identified.