

Recombinant Human PPOX

Catalog No: #GP13165



Package Size: #GP13165-1 100ug

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Description

Product Name	Recombinant Human PPOX
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 278-477 amino acids of human PPOX
Target Name	protoporphyrinogen oxidase
Other Names	VP; PPO; V290M
Accession No.	Swissprot:P50336Gene Accession:BC002357
Uniprot	P50336
GeneID	5498;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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