

PCBD1 抗原（重组蛋白）

中文名称：PCBD1 抗原（重组蛋白）

英文名称：PCBD1 Antigen (Recombinant Protein)

别名：PCD; PHS; DCOH; PCBD

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 1-104 amino acids of human PCBD1

技术规格：

Full name:	pterin-4 alpha-carbinolamine dehydratase 1
Synonyms:	PCD; PHS; DCOH; PCBD
Swissprot:	P61457
Gene Accession:	BC006324
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 a member of the pterin-4-alpha-carbinolamine dehydratase family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. The encoded protein functions as both a dehydratase involved in tetrahydrobiopterin biosynthesis, and as a cofactor for HNF1A-dependent transcription. A deficiency of this enzyme leads to hyperphenylalaninemia. Alternative splicing results in

multiple transcript variants.