

Pterin-4-alpha-carbinolamine dehydratase Recombinant Protein | PHS recombinant protein

Recombinant Human Pterin-4-alpha-carbinolamine dehydratase

CATALOG # AAA309782	HOST Yeast	REACTIVITY Human
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PRODUCT SYNONYMS

Pterin-4-alpha-carbinolamine dehydratase; Recombinant Human Pterin-4-alpha-carbinolamine dehydratase; 4-alpha-hydroxy-tetrahydropterin dehydratase; Dimerization cofactor of hepatocyte nuclear factor 1-alpha; DCoH; Dimerization cofactor of HNF1; Phenylalanine hydroxylase-stimulating protein; Pterin carbinolamine dehydratase; PCD; PHS recombinant protein

PRODUCT SPECIFICATIONS

Host	Yeast
Reactivity	Human
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	20mM Tris-HCl based buffer, pH8.0
Sequence Positions	Full Length, 2-104aa
Sequence	MAGKAHRLSA EERDQLLPNL RAVGWNELEG RDAIFKQFHF KDFNRAFGFM TRVALQAEKL DHHPEWFNVY NKVHITLSTH ECAGLSERDI NLASFIEQVA VSMT
Tag Info	His-tag
Target Name	PHS
Description	Recombinant protein
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for PHS recombinant protein	Involved in tetrahydrobiopterin biosynthesis. Ses to both prevent the formation of 7-pterins and accelerate the formation of quinonoid-BH2. Coactivator for HNF1A-dependent transcription. Regulates the dimerization of homeodomain protein HNF1A and enhances its transcriptional activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557831
NCBI GeneID	5092
NCBI Accession #	NP_000272.1
NCBI GenBank Nucleotide #	NM_000281.3
UniProt Accession #	P61457; P70519; P80095; Q9D930
Molecular Weight	14kD
NCBI Official Full Name	pterin-4-alpha-carbinolamine dehydratase isoform 1
NCBI Official Synonym Full Names	pterin-4 alpha-carbinolamine dehydratase 1

NCBI Official Symbol	PCBD1
NCBI Official Synonym Symbols	PCD; PHS; DCOH; PCBD
NCBI Protein Information	pterin-4-alpha-carbinolamine dehydratase
UniProt Protein Name	Pterin-4-alpha-carbinolamine dehydratase
UniProt Gene Name	PCBD1
UniProt Synonym Gene Names	DCOH; PCBD; PHS; DCoH; Dimerization cofactor of HNF1; PCD

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/pcbd1-recombinant-protein-yeast/309782>