

Recombinant Human PCBD2, GST-tagged

Cat. No. PCBD2-1547H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCBD2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-130aa
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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PCBD2 pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) 2 [Homo sapiens]
Official Symbol	PCBD2
Synonyms	PCBD2; pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) 2; 6 pyruvoyl tetrahydropterin synthase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) 2; pterin-

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4-alpha-carbinolamine dehydratase 2; DCOH2; DCOHM; PHS 2; DcoH-like protein DCoHm; HNF-1-alpha dimerization cofactor; pterin-4 alpha-carbinolamine dehydratase 2; 4-alpha-hydroxy-tetrahydropterin dehydratase 2; dimerization cofactor of hepatocyte nuclear factor 1 from muscle; dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1); dimerization cofactor of hepatocyte nuclear factor 1 (HNF1) from muscle; 6-pyruvoyl-tetrahydropterin synthase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) 2; PHS2;

Gene ID	84105
mRNA Refseq	NM_032151
Protein Refseq	NP_115527
MIM	609836
UniProt ID	Q9H0N5
Chromosome Location	5q31.1
Pathway	phenylalanine degradation I (aerobic), organism-specific biosystem;
Function	4-alpha-hydroxytetrahydrobiopterin dehydratase activity; lyase activity; phenylalanine 4-monooxygenase activity; protein binding;