Recombinant Human PCBD1 protein, His-GST-tagged

Cat. No. PCBD1-3321H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCBD1 protein(P61457)(2-104aa), fused to N-terminal His-GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-104aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	41.9 kDa
AA Sequence	AGKAHRLSAEERDQLLPNLRAVGWNELEGRDAIFKQFHFKDFNRAFGFMTRVALQA EKLDHHPEWFNVYNKVHITLSTHECAGLSERDINLASFIEQVAVSMT
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0

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	mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	PCBD1 pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha [Homo sapiens]
Official Symbol	PCBD1
Synonyms	PCBD1; pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha; 6 pyruvoyl tetrahydropterin synthase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) , DCOH, PCBD, pterin 4 alpha carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1); pterin-4-alpha-carbinolamine dehydratase; dimerizing cofactor for HNF1; PCD; pterin 4 alpha carbinolamine dehydratase; Pterin 4a carbinolamine dehydratase (dimerization cofactor of hepatic nuclear factor 1 alpha); dimerization cofactor of HNF1; 4-alpha-hydroxy-tetrahydropterin dehydratase; phenylalanine hydroxylase-stimulating protein; 6-pyruvoyl-tetrahydropterin synthase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1); PHS; DCOH; PCBD;
Gene ID	5092
mRNA Refseq	NM_000281
Protein Refseq	NP_000272
MIM	126090
UniProt ID	P61457

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