

Recombinant Human PCBD1 protein, GST-tagged

Cat. No. PCBD1-1804H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCBD1 protein(1-104 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-104 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MAGKAHRLSAEERDQLLPNLRAVGWNELEGRDAIFKQFHKDFNRAFGFMTRVAL QAEKLDHHPEWFNVYKVVHITLSTHECAGLSERDINLASFIEQVAVSMT
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

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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