

Recombinant Human PCBD1 Protein (2-104 aa), His-tagged

Cat. No. PCBD1-1479H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCBD1 Protein (2-104 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Metabolism. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	2-104 aa
Description	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.
Form	Tris-based buffer,50% glycerol
Molecular Mass	13.9 kDa
AA Sequence	AGKAHRLSAEERDQLLPNLRAVGWNELEGRDAIFKQFHFKDFNRAFGMTRVALQA EKLDHHPWFVNVYNKVVHITLSTHECAGLSERDINLASFIEQVAVSMT
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with reconstitution instruction is sent along with the products.

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; PCD; PHS; DCOH; PCBD;

Gene ID

5092

mRNA Refseq

NM_000281

Protein Refseq

NP_000272

MIM

126090

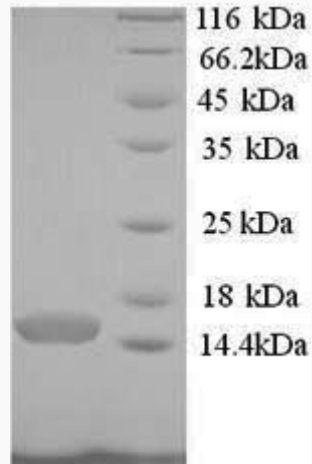
UniProt ID

P61457

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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