

Recombinant Mouse Pcbd2 Protein, Myc/DDK-tagged

Cat. No. Pcbd2-4695M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length pterin 4 alpha carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) 2 (cDNA, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in tetrahydrobiopterin biosynthesis. Seems to both prevent the formation of 7-pterins and accelerate the formation of quinonoid-BH2. Regulates the dimerization of homeodomain protein HNF-1-alpha and enhances its transcriptional activity.
Molecular Mass	11.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Pcbd2 pterin 4 alpha carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) 2 [Mus musculus (house mouse)]
Official Symbol	Pcbd2
Synonyms	Pcbd2; pterin 4 alpha carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) 2; Dcoh; Dcoh2; DcohM; 2700061N24Rik; pterin-4-alpha-carbinolamine dehydratase 2; 4-alpha-hydroxy-tetrahydropterin dehydratase 2; HNF-1-alpha dimerization cofactor; PHS 2; dcoH-like protein DCoHm; dimerization cofactor of hepatocyte nuclear factor 1 (HNF1) from muscle; dimerization cofactor of hepatocyte nuclear factor 1 from muscle; EC 4.2.1.96
Gene ID	72562
mRNA Refseq	NM_028281
Protein Refseq	NP_082557
UniProt ID	Q9CZL5

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