

## Product datasheet for PH308859

### PCBD2 (NM\_032151) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PCBD2 MS Standard C13 and N15-labeled recombinant protein (NP_115527)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208859
Predicted MW:	14.4 kDa
Protein Sequence:	>RC208859 protein sequence Red=Cloning site Green=Tags(s)  MAAVLGALGATRLLAALRGQSLGLAAMSSGTHRLTAEERNQAILDLKAAGWSELSESDAIYKEFSFHNF NQAFGFMSRVALQAEKMNHPWFVYVYKQITLTSKDCGELTKKDVKLAKFIEKAAASV  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_115527</u>
RefSeq Size:	2395
RefSeq ORF:	390
Synonyms:	DCOH2; DCOHM; PHS2
Locus ID:	84105
UniProt ID:	<u>Q9H0N5</u>
Cytogenetics:	5q31.1

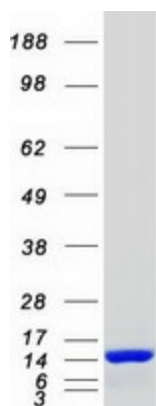


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**Summary:** Involved in tetrahydrobiopterin biosynthesis. Seems to both prevent the formation of 7-pterins and accelerate the formation of quinonoid-BH2 (By similarity).[UniProtKB/Swiss-Prot Function]

**Protein Families:** Druggable Genome, Transcription Factors

**Product images:**



Coomassie blue staining of purified PCBD2 protein (Cat# [TP308859]). The protein was produced from HEK293T cells transfected with PCBD2 cDNA clone (Cat# [RC208859]) using MegaTran 2.0 (Cat# [TT210002]).