



# PBGD Protein Crystal

Catalog: CBCRY24

## PRODUCT INFORMATION

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Name	PBGD Protein Crystal
Cat No.	CBCRY24
Fragment	Full length
Protein Description	Porphobilinogen deaminase
Background	The protein is the third enzyme of the heme biosynthetic pathway and catalyzes the head to tail condensation of four porphobilinogen molecules into the linear hydroxymethylbilane. Mutations in this gene are associated with the autosomal dominant disease acute intermittent porphyria. Alternatively spliced transcript variants encoding different isoforms have been described.
Protein Classification	Transferase
Structure Weight	80152.23 Da
Method	X-Ray Diffraction
Resolution	2.18Å
Ligand Chemical Component	DPM
Reference	Song, G., Li, Y., Cheng, C., Zhao, Y., Gao, A., Zhang, R., Joachimiak, A., Shaw, N., Liu, Z.J. (2009) Structural insight into acute intermittent porphyria. Faseb J. 23: 396-404