

Product datasheet for **AR09637PU-L**

PCBD1 (1-104, His-tag) Human Protein

Product data:

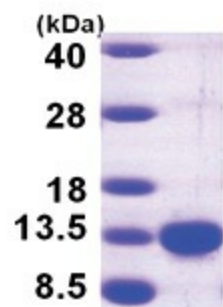
Product Type:	Recombinant Proteins
Description:	PCBD1 (1-104, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Tag:	His-tag
Predicted MW:	14.1 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PCBD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000272
Locus ID:	5092
UniProt ID:	P61457
Cytogenetics:	10q22.1
Synonyms:	DCOH; PCBD; PCD; PHS
Summary:	This gene encodes a member of the pterin-4-alpha-carbinolamine dehydratase family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. The encoded protein functions as both a dehydratase involved in tetrahydrobiopterin biosynthesis, and as a cofactor for HNF1A-dependent transcription. A deficiency of this enzyme leads to hyperphenylalaninemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]



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Protein Families: Druggable Genome

Product images:



15% SDS-PAGE (3ug)