

Recombinant Human PCBD1 protein ab100942

1 图像

描述	
产品名称	重组人PCBD1蛋白
纯度	> 95 % SDS-PAGE. ab100942 was purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<u>P61457</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHH SSGLVPRGSH MAGKAHRLSA EERDQLLPNL RAVGWNELEG RDAIFKQFHF KDFNRAFGFM TRVALQAEKL DHHPEWFNVY NKVHITLSTH ECAGLSERDI NLASFIEQVA VSMT
预测分子量	14 kDa including tags
氨基酸	1 to 104
标签	His tag N-Terminus

技术指标	
Our <u>Abpromise guarantee</u> covers the use of ab100942 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Mass Spectrometry SDS-PAGE
质谱法	MALDI-TOF
形式	Liquid

制备和贮存	
稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

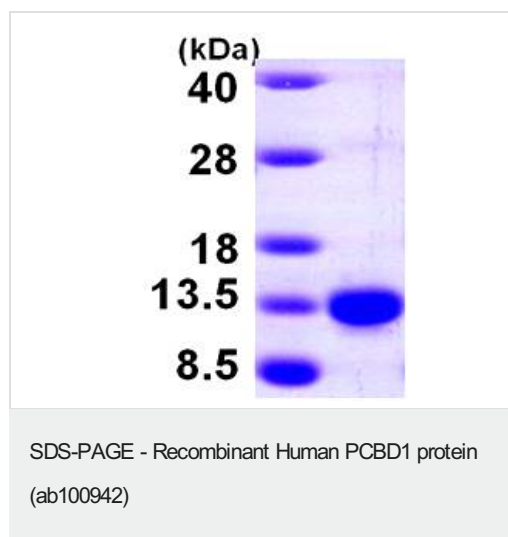
pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

常规信息

功能	Involved in tetrahydrobiopterin biosynthesis. Seems 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.
疾病相关	Defects in PCBD1 are the cause of BH4-deficient hyperphenylalaninemia type D (HPABH4D) [MIM:264070]; also known as hyperphenylalaninemia with primapterinuria. HPABH4D is characterized by the excretion of 7-substituted pterins in the urine of affected patients.
序列相似性	Belongs to the pterin-4-alpha-carbinolamine dehydratase family.
细胞定位	Cytoplasm. Nucleus. Cytoplasmic and/or nuclear.

图片



ab100942, at 3 µg, on 15% SDS PAGE.

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