

Recombinant Human PCBD1 protein ab100942

画像数 1

製品の詳細

製品名	Recombinant Human PCBD1 protein
精製度	> 95 % SDS-PAGE. ab100942 was purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<u>P61457</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	<p>MGSSHHHHHH SSGLVPRGSH MAGKAHRLSA</p> <p>EERDQLLPNL RAVGWNELEG RDAIFKQFHF</p> <p>KDFNRAFGFM TRVALQAEKL DHHPEWFNVY</p> <p>NKVHITLSTH ECAGLSERDI NLASFIEQVA VSMT</p>
予測される分子量	14 kDa including tags
領域	1 to 104
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** 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.

アプリケーション	Mass Spectrometry
	SDS-PAGE
質量分析	MALDI-TOF
製品の状態	Liquid

前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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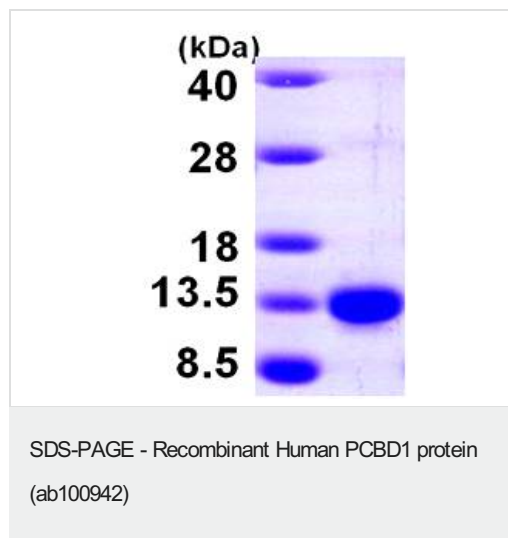
pH: 8.00

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

関連情報

機能	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.
関連疾患	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.
配列類似性	Belongs to the pterin-4-alpha-carbinolamine dehydratase family.
細胞内局在	Cytoplasm. Nucleus. Cytoplasmic and/or nuclear.

画像



ab100942, at 3 µg, on 15% SDS PAGE.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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