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Product datasheet for TP308859M

PCBD2 (NM_032151) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) 2 (PCBD2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208859 protein sequence Red=Cloning site Green=Tags(s) MAAVLGALGATRRLLAALRGQSLGLAAMSSGTHRLTAEERNQAILDLKAAGWSELSERDAIYKEFSFHNF NQAFGFMSRVALQAEKMNHHPEWFNVYNKVQITLTSHDCGELTKKDVKLAKFIEKAAASV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	14.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_115527
Locus ID:	84105
UniProt ID:	Q9H0N5
RefSeq Size:	2395

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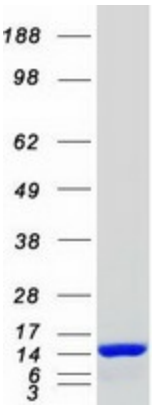
Cytogenetics:	5q31.1
RefSeq ORF:	390
Synonyms:	DCOH2; DCOHM; PHS2
Summary:	Involved in tetrahydrobiopterin biosynthesis. Seems to both prevent the formation of 7-pterins and accelerate the formation of quinonoid-BH2 (By similarity).[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Transcription 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]).