

Pterin-4-Alpha-Carbinolamine Dehydratase Human Recombinant

Item Number	rAP-1164
Synonyms	DCOH, PCBD, PCD, PHS.
Description	PCBD1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 124 amino acids (1-104 a.a.) and having a molecular mass of 14.1kDa.PCBD1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P61457
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MAGKAHRLSA EERDQLLPNL RAVGWNELEG RDAIFKQFHF KDFNRAFGFM TRVALQAEKL DHHPEWFNVYKVVHITLSTH ECAGLSERDI NLA SFIEQVA VSMT.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	The PCBD1 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH-8), 1mM DTT, and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**