

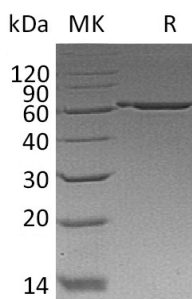
Product Name: Recombinant Human P4HB (C-6His)
Catalog #: PHH1384



概述 (Summary)

英文全称	Protein Disulfide Isomerase/P4HB/ERBA2L/PDI/PDIA1/PO4DB
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Prolyl 4-Hydroxylase Subunit Beta is produced by our Mammalian expression system and the target gene encoding Asp18-Lys505 is expressed with a 6His tag at the C-terminus.
Accession #	P07237
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	55.9 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of PBS, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

分子别名 (Alternative Names)	Protein Disulfide-Isomerase; PDI; Cellular Thyroid Hormone-Binding Protein;
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背景介绍 (References)

Prolyl 4-Hydroxylase Subunit Beta; p55; P4HB; ERBA2L; PDI; PDIA1; PO4DB
Protein Disulfide-Isomerase (P4HB) is an endoplasmic reticulum lumen protein that belongs to the protein disulfide isomerase family. P4HB contains two thioredoxin domains and catalyzes the formation, breakage, and rearrangement of -S-S- bonds in proteins. P4HB is involved in hydroxylation of prolyl residues in procollagen. P4HB has the ability to act as a chaperone that inhibits aggregation of misfolded proteins in a concentration-dependent manner. P4HB plays a role in both the influx and efflux of S-nitrosothiol-bound nitric oxide.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.