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Recombinant Human Prolyl 4-Hydroxylase Subunit Beta Protein

产品货号: TP05158

第三版

别名:Protein Disulfide-Isomerase; PDI; Cellular Thyroid Hormone-Binding Protein; Prolyl 4-Hydroxylase Subunit Beta; p55; P4HB; ERBA2L; PDI; PDIA1; PO4DB

描述: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 preprocollagen. 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.

配方:PBS

分子量:55.9 kDa

序列:Asp18-Lys505

纯度:> 95% by HPLC

浓度:

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.