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Recombinant Human Cyclophilin C/PPIase C/PPIC Protein(N-Trx, 6His)

产品货号: TP05821

第三版

别名:Peptidyl-Prolyl Cis-Trans Isomerase C; PPIase C; Cyclophilin C; Rotamase C; PPIC; CYPC

描述:Cyclophilin C is an enzyme (EC 5.2.1.8) found in both prokaryotes and eukaryotes that interconverts the cis and trans isomers of peptide bonds with the amino acid proline. Proline has an unusually conformationally restrained peptide bond due to its cyclic structure with its side chain bonded to its secondary amine nitrogen. Most amino acids have a strong energetic preference for the trans peptide bond conformation due to steric hindrance, but prolines unusual structure stabilizes the cis form so that both isomers are populated under biologically relevant conditions. Proteins with prolyl isomerase activity include cyclophilin, FKBP, and parvulin, although larger proteins can also contain prolyl isomerase domains.

配方:PBS

分子量:33.8 kDa

序列:Lys31-Asp182

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.