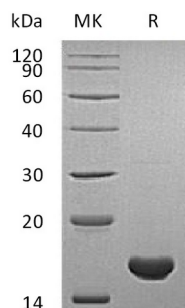


Product Name: Recombinant Human CYPA
Catalog #: PEH1302

概述 (Summary)

英文全称	Peptidyl-prolyl Cis-trans Isomerase A/Cyclophilin A/CYPA
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 Peptidyl-prolyl Cis-trans Isomerase A is produced by our E.coli expression system and the target gene encoding Met1-Glu165 is expressed.
Accession #	P62937
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	18 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of PBS, 10% Glycerol, 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) Peptidyl-prolyl cis-trans isomerase A; PPIase A; Cyclophilin A; Cyclosporin A-

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背景介绍 (References)

binding protein; Rotamase A; SP18; PPIA; CYPA

Peptidyl-prolyl cis-trans isomerase A is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family, which catalyzes the cis-trans isomerization of proline imidic peptide bonds. Cyclophilin A regulate many biological processes, including intracellular signaling, transcription, inflammation, and apoptosis. Cyclophilin is also incorporated into many viruses, including HIV1, where it has been speculated to be involved in functions such as viral assembly and infectivity. The immunosuppressive activity of cyclosporins has been correlated with their ability to form complexes with cyclophilins that inhibit calcineurin phosphatase activity and prevent incorporation of cyclophilin into viral particles. The cyclosporin/cyclophilin complex selectively binds and inactivates calcineurin, making it a useful inhibitor for studying calcineurin activity.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.