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Cyclophilin D(PPID), 1- 370aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP01810

第三版

别名:Peptidylprolyl isomerase D, PPID, CYPD; CYP-40

描述:Cyclophilin D (also known as peptidylpropyl isomerase D, PPID) is a member of peptidyl-propyl cis-trans isomerase (PPIase) family, which catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerates the folding of proteins. This protein can bind to the immunosuppressant cyclosporine A and was known that its overexpression suppresses the apoptosis in cancer cells.

配方:Liquid. In Phosphate buffered saline(pH 7.4) containing 10% glycerol

分子量:42.9kDa (390aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSHPSPQAKPSNPSNPRVFFDVDIGGERVGRIVLELFADIVPKTAENFRALCTGEKGIGH
TTGKPLHFKGCPFHRIKKFMIQGGDFSNQNGTGGESIYGEKFEDENFHYKHDREGLLSMANAGRNTNGSQFFITTVPTP
HLDGKHVVFGQVIKIGVARILENVEVKGEKPAKLCVIAECGELKEGDDGGIFPKDGS GDSPDFPEDADIDLKDVKILL
ITEDLKNIGNTFFKSQNWEMAIKKYAEVLRVYDSSKAVIETADRAKLQPIALSCVLNIGACKLKMSNWQGAIDSCLEALEL
DPSNTKALYRRAQGWQGLKEYDQALADLKAQGIAPEDKAIQAELLKVQKIKAKQKDEKAVYAKMFA

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

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.