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PDIA4, 21-645aa, Human, His tag, E.coli

产品货号: TP03329

第三版

别名:Protein disulfide-isomerase A4, Endoplasmic reticulum resident protein 72, ERP70, ERP72.

描述:PDIA4, also known as ERP72, is an endoplasmic reticulum luminal protein that is both a stress protein and a member of the protein disulfide isomerase family of proteins. It is involved in the catalysis of protein- S-S-bond rearrangement. PDIA3 and PDIA4 act as proteases, protein disulfide isomerases, phospholipases or a combination of these.

配方:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1M NaCl, 1mM DTT, 10% glycerol

分子量:72.9 kDa (646aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMVAGAEGPDEDSSNRENAIEDEEEEEEDDDEEEDDLEVKEENGVLVLNDANFDNFVA
DKDVTLLLEFYAPWCGHCKQFAPEYEKIANILKDKDPPPIVAKIDATSASVLSRFDVSGYPTIKILKKGQAVDYEGSRTQEEI
VAKVREVSQPDWTPPEVTLVLTKEVFDEVVNDADIILVEFYAPWCGHCKKLAPEYEKAAKELSKRSPPIPLAKVDATAET
DLAKRFDVSGYPTLKIFRKGRPYDYNPREKYGIVDYMIEQSGPPSKEILTKQVQEFLKDGDDVIIIIGVFKGESDPAYQQY
QDAANNLREDYKFHHTFSTEIAKFLKVSQGQLVVMQPEKFQSKYEPRSHMMDVQGSTQDSAIDFVLKYALPLVGHRKV
SNDKRYTRRPLVVVYYSVDFSFYRAATQFWRKLVLEKDFPEYTFIAIADYAGEVKDLGLSESGEDVNAAILDESG
KKFAMEPEEFSDTLREFVTAFFKKGKLPVIKSPVPKNNKGPVKVVVGKTFDSIVMDPKKDVLEFYAPWCGHCKQLEP
VYNSLAKKYKGQKGLVIAKMDATANDVPSDRYKVEGFPTIYFAPSGDKKNPVKFEKGGDRDLEHLSKFIEEHATKLSRTKEE
L

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.