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PDIA6, 20-440aa, Human, His tag, E.coli

产品货号: TP03331

第三版

别名:ERP5, P5, TXNDC7

描述:PDIA6 is a member of the protein disulfide isomerase (PDI). PDI is an enzyme in the endoplasmic reticulum in eukaryotes or periplasmic space of prokaryotes that catalyzes the formation and breakage of disulfide bonds between cysteine residues within proteins as they fold. PDIA6 function as a chaperone that inhibits aggregation of misfolded proteins. It plays a role in platelet aggregation and activation by agonists such as convulxin, collagen and thrombin. Recombinant human PDIA6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing, 50mM NaCl, 2mM DTT and 10% glycerol

分子量:48.5 kDa (442aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMLYSSDDVIELTPSNFNREVIQSDSLWLVEFYAPWCGHCQRLTPEWKKAATALKDVVK
VGAVDADKHHSLGGQYGVQGFPTIKIFGSNKNRPEDYQGGRGTGEAIVDAALSALRQLVKDRLGGRSGGYSSGKQGRSDS
SSKKDVIELTDDSFDKNVLDSDEVWVVEFYAPWCGHCCKNLEPEWAAAASEVKEQTKGKVKLAAVDATVNQVLASRYGI
RGFPTIKIFQKGESPDYDGGRTSRDIVSRALDLFSDNAPPELLEIINEDIAKRTCEEHQLCVVAVLPHILDTGAAGRNSYLE
VLLKLADKYKKKMWGWLWTEAGAQSELETALGIGGFYGPAMAAINARKMKFALLKGSFSEQGINEFLRELSFGRGSTAPV
GGGAFPTIVEREPWDGRDGELPVEDDIDLSDVELDDLKDEL

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.