

ppiA 25-190aa, E.coli, His tag, E.coli

Cat.NO.: TP03485

3th Edition

Synonyms:Peptidyl-prolyl cis-trans isomerase A, rot, rotA

Description:ppiA also known as Peptidyl-prolyl cis-trans isomerase A. This protein is PPlases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. Recombinant E.coli ppiA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol

Molecular Weight:20.5kDa (189aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGS AKGDPHVLLTTSAGNIELELDKQKAPVSVQNFVDYVNSGFYNNTTFHRVIPG
FMIQGGGFTEQMQQKKPNPPIKNEADNGLRNTRGTIAMARTADKDSATSQFFINVADNAFLDHGQRDFGYAVFGK
VVKGMDVADKISQVPTHDVGPYQNVPSKPVVILSAKVLP

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.