

PRH1, 17-122aa, Human, His tag, E.coli

Cat.NO.: TP03518

3th Edition

Synonyms:Proline-rich protein HaeIII subfamily 1 precursor, PA

Description:PRH1 act as highly potent inhibitors of crystal growth of calcium phosphates. They provide a protective and reparative environment for dental enamel which is important for the integrity of the teeth. Recombinant human PRH1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT

Molecular Weight:13.4kDa (129aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSQDLNEDVSQEDVPLVISDGGDSEQFLDEERQGPPLGGQQSQPSAGDGNQ
DDGPQQGPPQQGGQQQGPPPPQGKPPQGGHPPPPQGRPQGGPPQQGGHPRPPR

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by BCA 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.