

Recombinant Human proline-rich protein HaellI subfamily 1, His-tagged

Cat. No. PRH1-253H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PRH1, 17-122aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	17-122 a.a.
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 Mass	13.4kDa (129aa), confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSQDLNEDV SQEDVPLVIS DGGDSEQFLD EERQGPPLGG QQSQPSAGDG NQDDGPQQGP PQQGGQQQQG PPPPQGKPPQ PPQQGGHPPP PQGRPQGPPQ QGGHPRPPR

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Purity	>80% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by BCA assay)
GENE INFORMATION	
Gene Name	PRH1?proline-rich protein HaeIII subfamily 1 [?Homo sapiens?(human)]
Official Symbol	PRH1
Synonyms	PRH1; PA; proline-rich protein HaeIII subfamily 1
Gene ID	5554
mRNA Refseq	NM_006250
Protein Refseq	NP_006241
MIM	168730
Chromosome Location	12p13.2
Pathway	Salivary secretion

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