

PRH1 recombinant protein

PRH1, 17-122aa, Human, His tag, E Coli

CATALOG # AAA48798	HOST E Coli	APPLICATIONS SDS-Page
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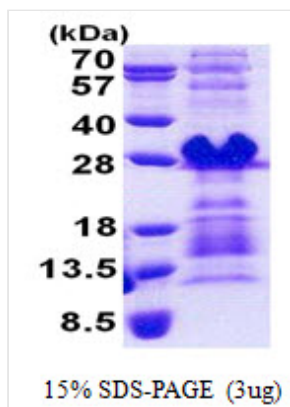
PRODUCT SYNONYMS

PRH1; 17-122aa; Human; His tag; E Coli; Proline-rich protein HaeIII subfamily 1 precursor; PA; PRH1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 80% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT
Concentration	0.25 mg/ml (determined by BCA assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MGSQDLNEDV SQEDVPLVIS DGGDSEQFLD EERQGPPLGG QSQPSAGDG NQDDGPQQGP PQQGGQQQGG PPPQGKPG PPQGGHPPP PQGRPQGPPQ QGGHPRPPR
Sequence Length	166
Applicable Applications for PRH1 recombinant protein	SDS-PAGE
Tag Information	His-tag
Preparation and Storage	Can be stored at 2 to 8 degree C for 1 week. For long term storage, aliquot and store at -20 to -80 degree C. Avoid repeated freezing and thawing.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for PRH1 recombinant protein

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.

Product Categories/Family for PRH1 recombinant protein	Signal Transduction
References	Friedman,R.D., et al. (1975) Am. J. Hum. Genet. 27 (3), 304-314

NCBI AND UNIPROT INFORMATION

NCBI GI #	154800441
NCBI GeneID	5554
NCBI Accession #	NP_006241
NCBI GenBank Nucleotide #	NM_006250.3
Molecular Weight	13.4kDa (129aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)
NCBI Official Synonym Full Names	proline rich protein HaeIII subfamily 1
NCBI Official Symbol	PRH1
NCBI Official Synonym Symbols	PA; Db-s; PRH2; PIF-S; Pr1/Pr2
NCBI Protein Information	salivary acidic proline-rich phosphoprotein 1/2
UniProt Protein Name	Salivary acidic proline-rich phosphoprotein 1/2
UniProt Gene Name	PRH1
UniProt Synonym Gene Names	Pa; PIF-S

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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