

Recombinant Human PRH1 protein ab167837

1 Image

Description

Product name	Recombinant Human PRH1 protein		
Purity	> 80 % SDS-PAGE. ab167837 was purified using conventional chromatography techniques.		
Expression system	Escherichia coli		
Accession	<b>P02810</b>		
Protein length	Protein fragment		
Animal free	No		
Nature	Recombinant		
Species	Human		
Sequence	MGSSHHHHHHSSGLVPRGSHMGSDLNEDVSQEDVPLV ISDGGDSEQFLD EERQGPPPLGGQQSQPSAGDGNQDDGPQQGPPQQGGQ QQQGPPPPQGKPKG PPQQGGHPPPPQGRPQGPPQQGGHPRPPR		
Predicted molecular weight	13 kDa including tags		
Amino acids	17 to 122		
Tags	His tag N-Terminus		

Specifications

Our <b>Abpromise guarantee</b> covers the use of <b>ab167837</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
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pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 30% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

## General Info

### Function

PRP's 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.

### Post-translational modifications

Proteolytically cleaved; PRP-2, PRP-1, PIF-S and Db-S yield PRP-4, PRP-3 (protein A), PIF-F and Db-F, respectively.

An hexuronic acid was shown to be linked to Ser-33 in about 40% of the polypeptides. Neither the structure of the carbohydrate (whether glucuronic acid or an isomer of), nor the linkage (whether a glycoside or an ester) has been definitely established.

### Cellular localization

Secreted.

## Images



15% SDS-PAGE analysis of ab167837 (3 µg).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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