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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PRELP (Human) Recombinant Protein (P01)

Catalog Number: H00005549-P01

Regulation Status: For research use only (RUO)

Product Description: Human PRELP full-length ORF (NP_002716.1, 1 a.a. - 382 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MRSPLCWLLPLLILASVAQGQPTRRRPRPGTGPRRRPR  
PRPRPTPSFPQPDEPAEPTDLPPPLPPGPPSIFPDCPR  
ECYCPPDFPSALYCDNRNLRKVPVIPPRIHYLYLQNNFI  
TELPVESFQATGLRWINLDNNRIRKIDQRVLEKLPGL  
VFLYMEKNQLEEVPSALPRNLEQLRLSQNHISRIPPGV  
FSKLENNLLLDLQHNRLSDGVFKPDTFHGLKNLMQLNL  
AHNILRKMPPRVPTAIHQYLDNKNKIETIPNGYFKSFPN  
LAFIRLNYNKLTDRGLPKNSFNISNLLVLHLSHNRISV  
PAINNRLEHLYLNNNSIEKINGTQICPNDLVAFHDFSSD  
LENVPHLRYLRDLGNYLKPPIPLDLMCMCFRLLQSVVI
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 70.2

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5549

Gene Symbol: PRELP

Gene Alias: MGC45323, MST161, MSTP161, SLRR2A

Gene Summary: The protein encoded by this gene is a leucine-rich repeat protein present in connective tissue extracellular matrix. This protein functions as a molecule anchoring basement membranes to the underlying connective tissue. This protein has been shown to bind type I collagen to basement membranes and type II collagen to cartilage. It also binds the basement membrane heparan sulfate proteoglycan perlecan. This protein is suggested to be involved in the pathogenesis of Hutchinson-Gilford progeria (HGP), which is reported to lack the binding of collagen in basement membranes and cartilage. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq]