

## Recombinant Human PELP1 protein, His-tagged

Cat. No. PELP1-15H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PELP1 protein(39-338 aa), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	39-338 aa
<b>Tag</b>	N-His
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>Purity</b>	75%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term

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storage.

**AA Sequence**

ESVSGLLQPRTGSAVAPVHPPNRSAPHLPGMLCLLRHGSVGGGAQNLSALGALVSL  
 SNARLSSIKTRFEGLCLLSLLVGESPTLFFQQHCVSWLRSIQQVLQTQDPPATMELA  
 VAVLRDLLRYAAQLPALFRDISMNHLPGLLTSLGLRPECEQSALEGMKACMTYFPR  
 ACGSLKGLASFFLSRVDALSPQLQLLACECYSRLPSLGAGFSQGLKHTESWEQEL  
 HLLASLHTLLGALYEGAETAPVQNEGPGVEMLLSSEDGDAHVLLQLRQRFSGLAR  
 CLGLMLSSEFGAPVSPV

## GENE INFORMATION

**Gene Name**

PELP1 proline, glutamate and leucine rich protein 1 [ Homo sapiens ]

**Official Symbol**

PELP1

**Synonyms**

PELP1; proline, glutamate and leucine rich protein 1; proline, glutamic acid and leucine rich protein 1; proline-, glutamic acid- and leucine-rich protein 1; MNAR; transcription factor HMX3; proline and glutamic acid rich nuclear protein; proline-, glutamic acid-, leucine-rich protein 1; modulator of nongenomic activity of estrogen receptor; modulator of non-genomic activity of estrogen receptor; HMX3; P160;

**Gene ID**

27043

**mRNA Refseq**

NM\_014389

**Protein Refseq**

NP\_055204

**MIM**

609455

**UniProt ID**

Q8IZL8

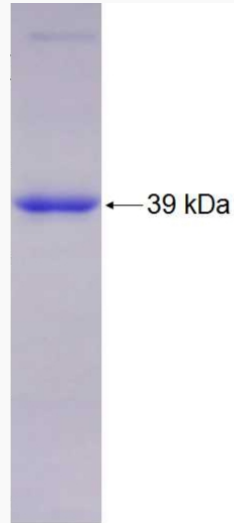
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SDS-PAGE



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