

Recombinant Human PELP1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PELP1 protein(39-338 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	39-338 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
Purity	75%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	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

ESVSGLLQPRTGSAVAPVHPPNRSAPHLPGMLCLRLHGSVGGGAQNLSALGALVSL
 SNARLSSIKTRFEGLCLLSLLVGESPTLFFQHCVSWLRSIQQVLQTQDPPATMELA
 VAVLRDLLRYAAQLPALFRDISMNHLPGLLTSLGLRPECEQSALEGMKACMTYFPR
 ACGSLKKGKLASFFLSRVDALSPQLQQLACECYSRLPSLGAGFSQGLKHTESWEQEL
 HSLLASLHTLLGALYEGAETAPVQNEGPGVEMLLSSEDGDAHVLLQLRQRFSGLAR
 CLGLMLSSEFGAPVSVPV

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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