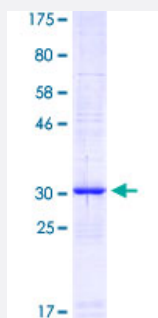


# PELP1 (Human) Recombinant Protein (Q01)

Catalog # H00027043-Q01

Size 10 ug, 25 ug

## Applications



## Specification

|                                      |                                                                                                           |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human PELP1 partial ORF (AAW80659.1, 337 a.a. - 410 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                      | LNSWSIGRDSLSPGQERPYSTVRTKVYAILELWVQVCGASAGMLQGGASGEALLTHLLSDISPPA<br>DALKLRSPR                            |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                     |
| <b>Theoretical MW (kDa)</b>          | 33.77                                                                                                     |
| <b>Interspecies Antigen Sequence</b> | Mouse (90); Rat (90)                                                                                      |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>                                                     |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow                                                                         |
| <b>Quality Control Testing</b>       | 12.5% SDS-PAGE Stained with Coomassie Blue                                                                |
| <b>Storage Buffer</b>                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                  |
| <b>Storage Instruction</b>           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                           |
| <b>Note</b>                          | Best use within three months from the date of receipt of this protein.                                    |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — PELP1

|                     |                                                                                                                                                                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">27043</a>                                                                                                                                                                                                                               |
| GeneBank Accession# | <a href="#">AY882602.1</a>                                                                                                                                                                                                                          |
| Protein Accession#  | <a href="#">AAW80659.1</a>                                                                                                                                                                                                                          |
| Gene Name           | PELP1                                                                                                                                                                                                                                               |
| Gene Alias          | HMX3, MNAR, P160                                                                                                                                                                                                                                    |
| Gene Description    | proline, glutamate and leucine rich protein 1                                                                                                                                                                                                       |
| Omim ID             | <a href="#">609455</a>                                                                                                                                                                                                                              |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                           |
| Gene Summary        | PELP1 is a coactivator of estrogen receptor (see ESR1; MIM 133430)-mediated transcription and a corepressor of other nuclear hormone receptors and sequence-specific transcription factors (Choi et al., 2004 [PubMed 15456770]).[supplied by OMIM] |
| Other Designations  | modulator of nongenomic activity of estrogen receptor proline and glutamic acid rich nuclear protein proline, glutamic acid and leucine rich protein 1 proline-, glutamic acid-, leucine-rich protein 1 transcription factor HMX3                   |

## Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)