

## Recombinant Human PHYHD1, GST-tagged

**Cat. No.** PHYHD1-1694H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PHYHD1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                        |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-297aa                                                                                                                                                           |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PHYHD1 phytanoyl-CoA dioxygenase domain containing 1 [ Homo sapiens ]                                                   |
| <b>Official Symbol</b> | PHYHD1                                                                                                                  |
| <b>Synonyms</b>        | PHYHD1; phytanoyl-CoA dioxygenase domain containing 1; phytanoyl-CoA dioxygenase domain-containing protein 1; MGC16638; |
| <b>Gene ID</b>         | 254295                                                                                                                  |

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | NM_001100876                                                                                                                                                               |
| <b>Protein Refseq</b>      | NP_001094346                                                                                                                                                               |
| <b>UniProt ID</b>          | Q5SRE7                                                                                                                                                                     |
| <b>Chromosome Location</b> | 9q34.13                                                                                                                                                                    |
| <b>Function</b>            | metal ion binding; oxidoreductase activity; oxidoreductase activity, acting on single donors with incorporation of molecular oxygen, incorporation of two atoms of oxygen; |

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