

# Recombinant Human PHPT1 protein, His-tagged

**Cat. No.** PHPT1-1178H    **Lot. No.** (See product label)

## SPECIFICATION

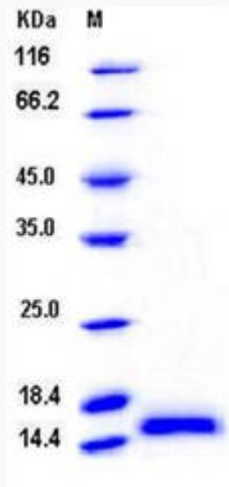
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|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PHPT1 protein(Q9NRX4-1) (Ala 2-Tyr 125) was expressed in E.coli, with a polyhistidine tag at the N-terminus.                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                               |
| <b>ProteinLength</b>    | 2-125 aa                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                |
| <b>Molecular Mass</b>   | The recombinant human PHPT1 consisting of 135 amino acids and has a calculated molecular mass of 15.2 kDa as estimated in SDS-PAGE under reducing conditions.                        |
| <b>Purity</b>           | > 97 % as determined by SDS-PAGE.                                                                                                                                                    |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.        |

## GENE INFORMATION

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|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PHPT1 phosphohistidine phosphatase 1 [ Homo sapiens ]                                                                                                                                                                                                                                              |
| <b>Official Symbol</b> | PHPT1                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>        | PHPT1; phosphohistidine phosphatase 1; 14 kDa phosphohistidine phosphatase; sex regulated protein janus a; bA216L13.10; CGI 202; DKFZp564M173; HSPC141; phosphohistidine phosphatase 14kDa; PHP14; 1700008C22Rik; protein janus-A homolog; sex-regulated protein janus-a; CGI-202; RP11-216L13.10; |
| <b>Gene ID</b>         | 29085                                                                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>     | NM_001135861                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | NP_001129333                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>             | 610167                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>      | Q9NRX4                                                                                                                                                                                                                                                                                             |
| <b>SDS-PAGE</b>        |                                                                                                                                                                                                                |