

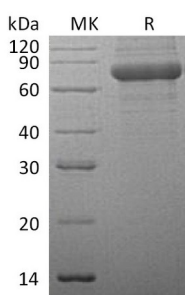
**Product Name: Recombinant Human TPP1 (C-6His)**  
**Catalog #: PHH1727**



## Summary

|                                 |  |
|---------------------------------|--|
| <b>Name</b>                     | Tripeptidyl-Peptidase I/TPP1   |
| <b>Purity</b>                   | Greater than 95% as determined by reducing SDS-PAGE  |
| <b>Endotoxin level</b>          | <1 EU/μg as determined by LAL test.  |
| <b>Construction</b>             | Recombinant Human Tripeptidyl-Peptidase I is produced by our Mammalian expression system and the target gene encoding Ser20-Pro563 is expressed with a 6His tag at the C-terminus. |
| <b>Accession #</b>              | AAH14863.1   |
| <b>Host</b>                     | Human Cells  |
| <b>Species</b>                  | Human  |
| <b>Predicted Molecular Mass</b> | 60.35 KDa  |
| <b>Formulation</b>              | Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM CaCl <sub>2</sub> , 10% Glycerol, pH 7.5.   |
| <b>Shipping</b>                 | The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.   |
| <b>Stability&amp;Storage</b>    | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.               |
| <b>Reconstitution</b>           |  |

## SDS-PAGE image



## Background

|                          |   |
|--------------------------|---|
| <b>Alternative Names</b> | Tripeptidyl-Peptidase 1; TPP-1; Cell Growth-Inhibiting Gene 1 Protein; Lysosomal Pepstatin-Insensitive Protease; LPIC; Tripeptidyl Aminopeptidase; Tripeptidyl-Peptidase I; TPP-I; TPP1; CLN2 |
| <b>Background</b>        | Tripeptidyl-Peptidase 1 (TPP1) belongs to the peptidase S53 family. TPP1 is detected in all tissues examined with highest levels in heart and placenta and                                    |

**Product Name: Recombinant Human TPP1 (C-6His)**  
**Catalog #: PHH1727**



---

relatively similar levels in other tissues. TPP1 is lysosomal serine protease with tripeptidyl-peptidase I activity. TPP1 may act as a non-specific lysosomal peptidase which generates tripeptides from the breakdown products produced by lysosomal proteinases. TPP1 requires substrates with an unsubstituted N-terminus. TPP1 mutations have also been shown to cause neuronal ceroid lipofuscinosis type 2 (CLN2).

**Note**

For Research Use Only , Not for Diagnostic Use.