

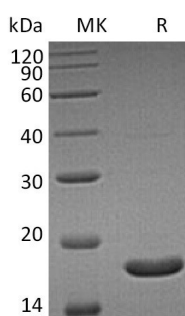
**Product Name: Recombinant Human UBE2B (C-6His)**  
**Catalog #: PHH0807**



## Summary

|                                 |   |
|---------------------------------|---|
| <b>Name</b>                     | HR6B/UBE2B/Ubiquitin-protein ligase B   |
| <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 Ubiquitin-Conjugating Enzyme E2 B is produced by our Mammalian expression system and the target gene encoding Met1-Ser152 is expressed with a 6His tag at the C-terminus. |
| <b>Accession #</b>              | P63146  |
| <b>Host</b>                     | Human Cells   |
| <b>Species</b>                  | Human   |
| <b>Predicted Molecular Mass</b> | 18.3 KDa  |
| <b>Formulation</b>              | Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.  |
| <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> | Ubiquitin-Conjugating Enzyme E2 B; RAD6 Homolog B; HR6B; hHR6B; Ubiquitin Carrier Protein B; Ubiquitin-Conjugating Enzyme E2-17 kDa; Ubiquitin-Protein Ligase B; UBE2B; RAD6B |
| <b>Background</b>        | Ubiquitin-Conjugating Enzyme E2 B (UBE2B) is a member of the ubiquitin-   |

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conjugating enzyme family. UBE2B accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. It is shown that UBE2B interacts with RAD18, UBR2, and WAC. UBE2B is required for post-replicative DNA damage repair. Additional, UBE2B plays a role in sepsis-induced muscle protein proteolysis and cancer-induced cachexia.

### **Note**

For Research Use Only , Not for Diagnostic Use.