

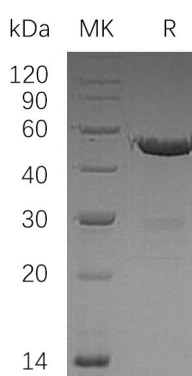
**Product Name: Recombinant Human UBE2S (N-GST)**  
**Catalog #: PEH1771**



## Summary

|                                 |   |
|---------------------------------|---|
| <b>Name</b>                     | UBE2S/Ubiquitin-conjugating enzyme E2 S   |
| <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 S is produced by our E.coli expression system and the target gene encoding Met1-Leu222 is expressed with a GST tag at the N-terminus. |
| <b>Accession #</b>              | Q16763  |
| <b>Host</b>                     | E.coli  |
| <b>Species</b>                  | Human   |
| <b>Predicted Molecular Mass</b> | 50.13 KDa   |
| <b>Formulation</b>              | Supplied as a 0.2 μm filtered solution of 50mM HEPES, 150mM NaCl, 2mM DTT, 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> | Ubiquitin-Conjugating Enzyme E2 S; E2-EPF; Ubiquitin Carrier Protein S; Ubiquitin-Conjugating Enzyme E2-24 kDa; Ubiquitin-Conjugating Enzyme E2-EPF5; Ubiquitin- |
|--------------------------|--|

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**Background**

Protein Ligase S; UBE2S; E2EPF

Ubiquitin-Conjugating Enzyme E2 S (UBE2S) is a member of the Ubiquitin-Conjugating Enzyme family. UBE2S interacts with CDC20, FZR1/CDH1 and VHL. UBE2S can form a thiol ester linkage with Ubiquitin in an Ubiquitin Activating Enzyme-Dependent manner, a characteristic property of Ubiquitin Carrier Proteins. UBE2S acts as an essential factor of the Anaphase Promoting Complex/Cyclosome, a cell cycle-regulated Ubiquitin ligase that controls progression through mitosis. UBE2S is also involved in ubiquitination and subsequent degradation of VHL, resulting in an accumulation of HIF1A.

**Note**

For Research Use Only , Not for Diagnostic Use.