

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



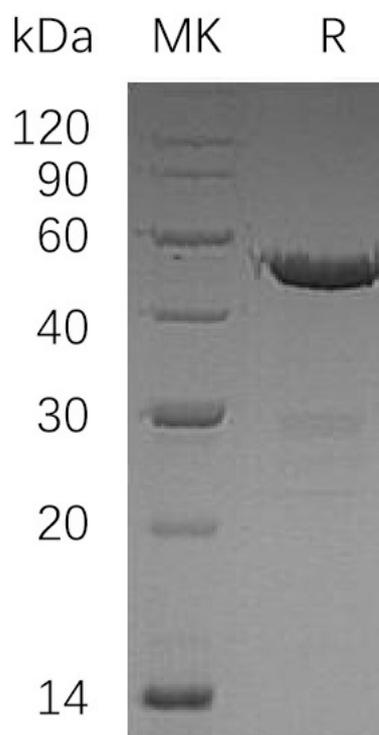
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## Summary

<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

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### **Alternative Names**

Ubiquitin-Conjugating Enzyme E2 S; E2-EPF; Ubiquitin Carrier Protein S; Ubiquitin-Conjugating Enzyme E2-24 kDa; Ubiquitin-Conjugating Enzyme E2-EPF5; Ubiquitin-Protein Ligase S; UBE2S; E2EPF

### **Background**

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.