

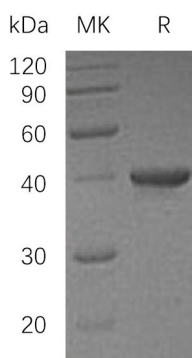
**Product Name: Recombinant Human UBE2I (N-GST)**  
**Catalog #: PEH1759**



## Summary

<b>Name</b>	UBC9/UBCE9/UBE2I/SUMO-conjugating enzyme UBC9
<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 I is produced by our E.coli expression system and the target gene encoding Met1-Ser158 is expressed with a GST tag at the N-terminus.
<b>Accession #</b>	P63279
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	44.4 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 50mM HEPES, 150mM NaCl, 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>	SUMO-Conjugating Enzyme UBC9; SUMO-Protein Ligase; Ubiquitin Carrier Protein 9; Ubiquitin Carrier Protein I; Ubiquitin-Conjugating Enzyme E2 I; Ubiquitin-Protein Ligase I; p18; UBE2I; UBC9; UBCE9
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**Background**

SUMO-Conjugating Enzyme UBC9 (UBC9) belongs to the ubiquitin-conjugating enzyme family. UBC9 is homologous to ubiquitin-conjugating enzymes (E2s). However, instead of conjugating ubiquitin, UBC9 conjugates a ubiquitin homologue, Small Ubiquitin-Like Modifier 1 (SUMO-1). The conjugation of ubiquitin requires the activities of ubiquitin-activating (E1) and conjugating (E2) enzymes. It is suggested that UBC9 might play a role in DNA repair and perhaps even in aging.

**Note**

For Research Use Only , Not for Diagnostic Use.