

# Recombinant Human UBE2I/UBC9 Protein (GST Tag)

Catalog Number:PKSH033308



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

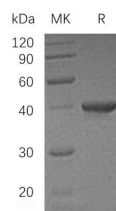
## Description

<b>Synonyms</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
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Met 1-Ser158
<b>Accession</b>	P63279
<b>Calculated Molecular Weight</b>	44.4 kDa
<b>Observed molecular weight</b>	40 kDa
<b>Tag</b>	N-GST

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of 50mM HEPES, 150mM NaCl, pH 7.5.
<b>Reconstitution</b>	Not Applicable

## Data



> 95 % as determined by reducing SDS-PAGE.

## 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.

## For Research Use Only

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