

## 32-8148: Recombinant Human Ubiquitin-Conjugating Enzyme E2 I/UBE2I (N-GST)

**Gene :** UBE2I  
**Gene ID :** 7329  
**Uniprot ID :** P63279

### Description

Source: E. coli.  
MW :44.4kD.

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. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 50mM HEPES, 150mM NaCl, pH 7.5.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQSMAIIRYIA  
DKHNMLGGCPKERAIEISMLEGAVLDIRYGVSRIAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTH  
PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPR  
GSHMSGIALSRLAQRKAWRKDHPFGFVAVPTKNPDGTMNLMNWECAIPGKKGTPWEGGLFKLRMLFKDDY  
PSSPPKCKFEPPLFHPNVYPSGTVCLSILEEDKDWRAITIKILLGIQELLNEPNIQDPAQAEAYTIYCQNRVEYEK  
RVRAQAKKFAPS

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.