

# Recombinant Human UBC9, GST-tagged

**Cat. No.** UBC9-3524H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human UBC9 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                          |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 0-184AA                                                                                                                                                           |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

## GENE INFORMATION

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|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | UBE2I ubiquitin-conjugating enzyme E2I [ Homo sapiens ]                                                                                                                                                                                                                                                                   |
| <b>Official Symbol</b> | UBE2I                                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>        | UBE2I; ubiquitin-conjugating enzyme E2I; ubiquitin conjugating enzyme E2I (homologous to yeast UBC9) , ubiquitin conjugating enzyme E2I (UBC9 homolog, yeast); SUMO-conjugating enzyme UBC9; UBC9; SUMO-protein ligase; SUMO-1-protein ligase; ubiquitin-protein ligase I; ubiquitin carrier protein 9; ubiquitin carrier |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | protein I; ubiquitin-protein ligase E2I; ubiquitin conjugating enzyme 9; ubiquitin-conjugating enzyme UbcE2A; ubiquitin-like protein SUMO-1 conjugating enzyme; ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast); ubiquitin-conjugating enzyme E2I (homologous to yeast UBC9); P18; C358B7.1; |
| <b>Gene ID</b>             | 7329                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>         | NM_003345                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>      | NP_003336                                                                                                                                                                                                                                                                                           |
| <b>MIM</b>                 | 601661                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>          | P63279                                                                                                                                                                                                                                                                                              |
| <b>Chromosome Location</b> | 16p13.3                                                                                                                                                                                                                                                                                             |
| <b>Pathway</b>             | Androgen Receptor Signaling Pathway, organism-specific biosystem; C-MYB transcription factor network, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; Coregulation of Androgen recep                                     |
| <b>Function</b>            | ATP binding; HLH domain binding; contributes_to SUMO ligase activity; acid-amino acid ligase activity; bHLH transcription factor binding; enzyme binding; ligase activity; nucleotide binding; protein C-terminus binding; protein binding; transcription facto                                     |