

Recombinant Human UBE2I protein, GST-tagged

Cat. No. UBE2I-002H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBE2I fused with GST tag at N-terminal was expressed in E.coli.
Species	Human
Source	E.coli
Description	The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. Four alternatively spliced transcript variants encoding the same protein have been found for this gene.
Form	Supplied as a 0.2 μM filtered solution of 50mM HEPES, 150mM NaCl, pH 7.5
Molecular Mass	44.4kD
AA Sequence	MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPY YIDGDVKLTQSMAIIRYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSR IAYSKD FE TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA FPKLVCFKKR IEAIPQIDKYLKSSKYIAWPLQG WQATFGGGDHPKSDLVPRGSHMS GIALSRLAQERKAWRKDHPFGFVAVP
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

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Purity >95% as determined by SDS-PAGE and Coomassie blue staining

GENE INFORMATION

Gene Name UBE2I ubiquitin conjugating enzyme E2I [Homo sapiens (human)]

Official Symbol UBE2I

Synonyms P18; UBC9; C358B7.1;SUMO-conjugating enzyme UBC9; RING-type E3 SUMO transferase UBC9; SUMO-protein ligase; Ubiquitin carrier protein 9; Ubiquitin carrier protein I; Ubiquitin-conjugating enzyme E2 I; Ubiquitin-protein ligase I; UBE2I;

Gene ID 7329

mRNA Refseq NM_194261

Protein Refseq NP_919237

MIM 601661

UniProt ID P63279

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