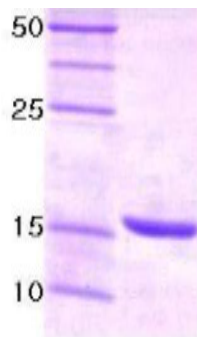


## UBE2I

### Recombinant Human Ubiquitin Conjugating Enzyme 9

<b>Catalog No.</b>	CSI15643A CSI15643B	<b>Quantity:</b>	100 µg 500 µg
<b>Alternate Names:</b>	C358B7.1, P18, UBC9, SUMO-1-protein ligase, ubiquitin carrier protein, ubiquitin conjugating enzyme 9, ubiquitin-conjugating enzyme E2I, ubiquitin-conjugating enzyme E2I (homologous to yeast UBC9), ubiquitin-conjugating enzyme UbcE2A, ubiquitin-like protein SUMO-1 conjugating enzyme, ubiquitin-protein ligase E2I		
<b>Description:</b>	Human Ubc9 is homologous to ubiquitin-conjugating enzymes(E2s). However, instead of conjugating ubiquitin, it conjugates a ubiquitin homologue, small ubiquitin-like modifier 1 (SUMO-1). And hUbc9 retains striking structural and functional conservation with yeast Ubc9. The ubiquitin-dependent protein degradation system has been recognized as a complete enzymatic pathway that is responsible for the selective degradation of abnormal and short-lived proteins. The conjugation of ubiquitin requires the activities of ubiquitin-activating(E1) and -conjugating(E2) enzymes.		
<b>Concentration:</b>	1 mg/ml (determined by Bradford assay)		
<b>GeneID:</b>	7329		
<b>Protein Accession No:</b>	NP_003336		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	18 kDa (158 aa), confirmed by MALDI-TOF.		
<b>Formulation:</b>	Liquid. In 50 mM HEPES (pH7.5) 150mM NaCl, 1mM DTT, 10%glycerol.		
<b>Purity:</b>	> 95% by SDS - PAGE		
<b>Endotoxin Level:</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)		
<b>Amino Acid Sequence:</b>	MSGIALSRLA QERKAWRKDH PFGFVAVPTK NPDGTMNLMN WECAIPGKKG TPWEGGLFKL RMLFKDDYPS SPPKCKFEPP LFHPNVYPSG TVCLSILEED WRPAITIK QILLGIQELL NEPNIQDPAQ AEAYTIYQCN RVEYEKRVRA QAKKFAPS		
<b>Application:</b>	SDS-PAGE		
<b>Storage &amp; Stability:</b>	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -80°C. <b>Avoid repeated freezing and thawing cycles.</b>		





14% SDS-PAGE (3µg)

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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