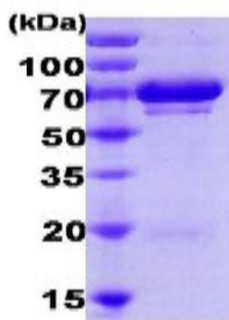


UBE2G2

Recombinant Human Ubiquitin Conjugating enzyme 7

Catalog No.	CSI15645A CSI15645B	Quantity:	100 µg 500 µg
Alternate Names:	UBC7, ubiquitin carrier protein G2, ubiquitin conjugating enzyme 7, ubiquitin conjugating enzyme G2, ubiquitin-conjugating enzyme E2G 2, ubiquitin-conjugating enzyme E2G 2 (homologous to yeast UBC7), ubiquitin-protein ligase G2		
Description:	Human Ubiquitin-conjugating enzyme 7 (UbcH7) is a ubiquitin-conjugating enzyme (E2) mediating c-fos degradation, transcription factor NF-κB maturation, and human papilloma virus-mediated p53 and Myc protein degradation, <i>in vitro</i> . The ubiquitin-conjugating enzymes (E2s) are essential components of the post-translational protein ubiquitination pathway, mediating the transfer of activated ubiquitin to substrate proteins. The human UBE2L1-UBE2L4 gene could potentially encode different isoforms of the UbcH7. UBE2L3 gene, located at chromosome 22q11.2, is the only identical family member with introns and encodes a polypeptide sequence identical to that of UbcH7. UbcH7 (154amino acid) was over-expressed in <i>E. coli</i> and purified by using conventional chromatography techniques.		
Concentration:	1 mg/ml (determined by Bradford assay)		
GeneID:	7327		
Protein Accession No:	NP_003338		
Source:	<i>E. coli</i>		
Molecular Weight:	17.9 kDa (154 aa), confirmed by MALDI-TOF.		
Formulation:	Liquid. In 50 mM HEPES (pH7.5) 150 mM NaCl, 1mM DTT, 10% glycerol		
Purity:	> 95% by SDS - PAGE		
Amino Acid Sequence:	MAASRRLMKE LEEIRKCGMK NFRNIQVDEA NLLTWQGLIV PDNPPYDKGA FRIEINFPAE YPFKPPKITF KTKIYHPNID EKGQVCLPVI SAENWKPATK TDQVIQSLIA LVNDPQPEHP LRADLAE EYS kDaRKKFKCKNA EEFTKKYGEK RPVD		
Storage & Stability:	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -80°C. Avoid repeated freezing and thawing cycles.		



15% SDS-PAGE (3µg)

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



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