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Ubc 7(Ubiquitin Conjugating enzyme 7), Human

Recombinant, expressed in *E.coli*

Cat. No. UBC3003 **Size : 100 ㎍**

Synonyms : UbcH7

Desciption: Human Ubquitin-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, in vitro.

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 *E.coli* and purified by using conventional chromatography techniques.

Form : Liquid. In 50 mM HEPES (pH7.5) 150 mM NaCl, 1mM DTT, 10% glycerol.

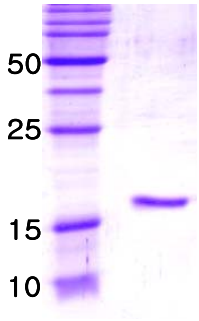
Molecular weight : 17.9KDa (154amino acids)

Purity : ≥ 95% by SDS-PAGE

Sequence :

MAASRRLMKE LEEIRKCGMK NFRNIQVDEA NLLTWQGLIV PDNPPYDKGA FRIEINFPAE
YPFKPPKITF KTKIYHPNID EKGQVCLPVI SAENWKPATK TDQVIQSLIA LVNDPQPEHP
LRADLAEEYS KDRKKFCKNA EEFTKKYGEK RPVD

Storage : Store at -20°C. Avoid freeze/thaw cycles



14% SDS-PAGE

References : Ardley,H.C., *et al* (2000) *Biochim.Biophys.Acta*. 1491(1-3), 57-64
Moynihan,T.P., *et al* (1998) *Genomics*. 51(1), 124-127
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