# NKMAXBIO We support you, we believe in your research

## Recombinant human UbcH7/UBE2L3 protein

Catalog Number: UBC3003

## **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

1-154aa

#### **UniProt No.**

P68036

#### **NCBI Accession No.**

NP 003338

#### **Alternative Names**

Ubiquitin-conjugating enzyme E2 L3, E2 ubiquitin-conjugating enzyme L3, L-UBC, UbcH7, Ubiquitin carrier protein L3, Ubiquitin-conjugating enzyme E2-F1, Ubiquitin-protein ligase L3, UBCE7, UBCH7

### PRODUCT SPECIFICATION

#### **Molecular Weight**

17.9 kDa (154aa) confirmed by MALDI-TOF

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 50mM HEPES buffer (pH 7.4) containing 150mM NaCl, 1mM DTT, 10% glycerol

#### **Purity**

> 95% by SDS-PAGE

#### Tag

Non-Tagged

## **Application**

SDS-PAGE

#### **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

### **BACKGROUND**

## **Description**

Human ubquitin-conjugating enzyme 7 (ubcH7) is a ubiquitin-conjugating enzyme (E2) mediating c-fos degradation, transcription factor NF-kappa B 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



# NKMAXBio We support you, we believe in your research

## Recombinant human UbcH7/UBE2L3 protein

Catalog Number: UBC3003

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.

## **Amino acid Sequence**

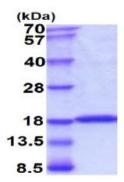
MAASRRLMKE LEEIRKCGMK NFRNIQVDEA NLLTWQGLIV PDNPPYDKGA FRIEINFPAE YPFKPPKITF KTKIYHPNID EKGQVCLPVI SAENWKPATK TDQVIQSLIA LVNDPQPEHP LRADLAEEYS KDRKKFCKNA EEFTKKYGEK RPVD

#### **General References**

Ardley HC., et al. (2000) Biochim Biophys Acta. 1491(1-3):57-64. Moynihan TP., et al. (1998) Genomics. 51(1):124-127. Nuber u., et al (1996) J Biol Chem. 271(5):2795-2800

## **DATA**

#### **SDS-PAGE**



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

