

AR50332PU-N**Human UBE2H (1-183, His-tag) - Purified****Alternate names:**

E2-20K, UBCH2, Ubiquitin carrier protein H, Ubiquitin-conjugating enzyme E2 H, Ubiquitin-protein ligase H

Quantity:

0.5 mg

Concentration:

1mg/ml (determined by Bradford assay)

Background:

UBE2H (Ubiquitin-conjugating enzyme E2 H) belongs to the ubiquitin-conjugating enzyme family. 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. UBE2H is Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins.

Uniprot ID:[P62256](#)**NCBI:**[NP_003335.1](#)**GeneID:**[7328](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >95% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT, 50mM NaCl**Description:**

Recombinant human UBE2H protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMSPPSPG KRRMDDVVK LIESKHEVTI LGGLNEFVVK
FYGPQGTPEY GGVWVVRVDL PDKYPFKSPS IGFMNKIFHP NIDEASGTVC LDVINQWTWA
LYDLTNIFES FLPQLLAYPN PIDPLNGDAA AMYLHRPEEY KQKIKEYIQK YATEEALKEQ
EEGTGDSSE SSMSDFSEDE AQDMEL

Molecular weight: 23.1 kDa (206aa) confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Kaiser P., et al. (1994) J. Biol. Chem. 269:8797-8802 David Y., et al. (2010) J. Biol. Chem. 285:8595-8604

Pictures:

