

32-2889: UBE2H Recombinant Protein

Alternative Name : Ubiquitin-conjugating enzyme E2 H, Ubch2, Ubiquitin carrier protein H, Ubiquitin-conjugating enzyme E2-20K, Ubiquitin-protein ligase H, UBE2H, GID3, UBC8, UBCH.

Description

Source : Escherichia Coli. UBE2H Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 206 amino acids (1-183) and having a molecular mass of 23.1kDa. UBE2H is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Ubiquitin-conjugating enzyme E2 H (UBE2H) is a member of the ubiquitin-conjugating enzyme family. Protein modification with ubiquitin is a vital cellular apparatus for directing abnormal or short-lived proteins for degradation. Ubiquitination requires at least 3 classes of enzymes: ubiquitin-activating enzymes (E1s) ubiquitin-conjugating enzymes (E2s) and ubiquitin-protein ligases (E3s). UBE2H receives ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. UBE2H protein sequence is 100% identical to the mouse homolog and 98% identical to the frog and zebrafish homologs.

Product Info

Amount : 20 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : The UBE2H solution (1mg/ml) contains 20mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT and 50mM NaCl.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SGLVPRGSH MGSMSSPSPG KRRMDTDVVK LIESKHEVTI LGGLNEFVVK
FYGPQGTPEY GGVWVVRVDL PDKYPFKSPS IGFMNKIFHP NIDEASGTVC LDVINQWTWA LYDLTNIFES
FLPQLLAYPN PIDPLNGDAA AMYLHRPEEY KQKIKEYIQK YATEEALKEQ EEGTGDSSSE SSMSDFSEDE
AQDMEL.