

UBE2H Human

Description: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.

Catalog #:ENPS-610

For research use only.

Synonyms:Ubiquitin-conjugating enzyme E2 H, UbCH2, Ubiquitin carrier protein H, Ubiquitin-conjugating enzyme E2-20K, Ubiquitin-protein ligase H, UBE2H, GID3, UBC8, UBCH.

Source:Escherichia Coli.

Physical Appearance:Sterile filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMSSPSPG KRRMDTDVVK
LIESKHEVTI LGGLNEFVVK FYGPQGTPYE GGWVKVRVDL PDKYPFKSPS IGFMNKIFHP
NIDEASGTVC LDVINQWTWA LYDLTNIFES FLPQLLAYPN PIDPLNGDAA AMYLHRPEEY
KQKIKEYIQK YATEEALKEQ EEGTGDSSSE SSMSDFSEDE AQDMEL.

Purity:Greater than 95.0% as determined by SDS-PAGE.

Formulation:

The UBE2H solution (1mg/ml) contains 20mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT and 50mM NaCl.

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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.

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