

## UBE2N Human

**Description:**UBE2N produced in E.Coli is a single, non-glycosylated polypeptide chain containing 172 amino acids (1-152a.a.) and having a molecular mass of 19.3kDa.UBE2N is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:**ENPS-111

For research use only.

**Synonyms:**Ubiquitin-conjugating enzyme E2 N, Bendless-like ubiquitin-conjugating enzyme, Ubc13, Ubiquitin carrier protein N, Ubiquitin-protein ligase N, UBE2N, BLU, MGC8489, UbcH-ben, MGC131857.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MAGLPRIIK ETQRLLAEPV  
PGIKAEPDES NARYFHVVIA GPQDSPFEGG TFKLELFLPE EYPMAAPKVR FMTKIYHPNV  
DKLGRICLDI LKDKWSPALQ IRTVLLSIQA LLSAPNPDDP LANDVAEQWK TNEAQAIETA  
RAWTRLYAMN NI.

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

**Formulation:**

UBE2N solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.

**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:**

UBE2N belongs to the E2 ubiquitin-conjugating enzyme family. UBE2N catalyzes the ATP-dependent synthesis of non-canonical polyubiquitin chains, a process which doesn't set in motion proteasomal degradation. UBE2N mediates the transcription of some target genes and is believed to have a role in cell cycle progression; cellular differentiation and DNA repair mechanisms which ensure cell survival after DNA damage.

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