

UBE2N, 1-152aa, Human, His tag, E.coli

Cat.NO.: TP04392

3th Edition

Synonyms:Ubiquitin-conjugating enzyme E2 N, MGC131857, MGC8489, UBC13, UbcH-ben

Description:UBE2N, also known as UBC13, is a member of the E2 ubiquitin-conjugating enzyme family. It catalyzes the ATP-dependent synthesis of non-canonical polyubiquitin chains, a process that does not lead to proteasomal degradation. It mediates the transcription of several target genes and is thought to play a role in cell cycle progression; cellular differentiation and DNA repair mechanisms that ensure cell survival after DNA damage. Recombinant human UBE2N protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, Q10010.1M NaCl,1mM DTT

Molecular Weight:19.3 kDa(172aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMAGLPRRIKETQRLLAEPVPGIKAEPDESNARYFHVVIAGPQDSPFEGGTFKLEL
FLPEEYPMAAPKVRFMTKIYHPNVDKLGRIKLDILKDKWSPALQIRTVLLSIQALLSAPNPDDPLANDVAEQWKTNEA
QAIETARAWTRLYAMNNI

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.