

UBXN2B, 1-331aa, Human, His tag, E.coli

Cat.NO.: TP04407

3th Edition

Synonyms:UBX domain-containing protein 2B, p37

Description:UBX domain-containing protein 2B, also known as UBXN2B, is a 331 amino acid protein that contains one UBX domain and one SEP domain. UBXN2B is required for ER and Golgi biogenesis and also plays a role in their maintenance during interphase, as well as their reassembly at the end of mitosis. Through interaction with VCP, UBXN2B forms a complex that has membrane fusion activity. Recombinant human UBXN2B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Molecular Weight:39.5kDa (354aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSM AEGGGPEPGEQERRSSGPRPPSARDLQLALAELYEDEVKCKSSKSNRPK
ATVFKSPRTPPQRFYSSEHEYSGLNIVRPSTGKIVNELFKEAREHGAVPLNEATRASGDDKSKSFTGGGYRLGSSF
CKRSEYIYGENQLQDVQILLKLSNGFSLDDGELRPYNEPTNAQFLESVKRGEIPELQRLVHGGQVNLDMEDHQD
QEYIKPRLRFKAFSGEGQKLGSLTPEIVSTPSSPEEEDKSILNAVVLIDDSVPTTKIQIRLADGSRLIQRFNSTHRILDV
RNFIVQSRPEFAALDFILVTSFPNKELTDESLTLLEADILNTVLLQQLK

Purity:> 95% by HPLC

Concentration:0.5mg/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.