

Recombinant human UBXN2B protein

Catalog Number: ATGP2155

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-331aa

UniProt No.

Q14CS0

NCBI Accession No.

NP_001071087

Alternative Names

uBX domain-containing protein 2B, p37

PRODUCT SPECIFICATION

Molecular Weight

39.5 kDa (354aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

MGSSHHHHHHH SSGLVPRGSH MGSM AEGGGP EPGEQERRSS GPRPPSARDL QLALAELYED EVKCKSSKSN RPKATVFKSP
RTPPQRFYSS EHEYSGLNIV RPSTGKIVNE LFKEAREHGA VPLNEATRAS GDDKSKSFTG GGYRLGSSFC KRSEIYGEN
QLQDVQILLK LWSNGFSLDD GELRPYNEPT NAQFLESVKR GEIPLQLRL VHGGQVNLDM EDHQDQEYIK PRLRFKAFSG
EGQKLGSLTP EIVSTPSSPE EEDKSILNAV VLIDDSVPTT KIQIRLADGS RLIQRFNSTH RILDVRNFIV QSRPEFAALD
FILVTSFPNK ELTDESLTLL EADILNTVLL QQLK

General References

uchiyama K., et al. (2006) Dev Cell. 11:803-816.
Tang D., et al. (2008) J Biol Chem. 283:6085-6094.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)