

KATNB1 Recombinant Protein

CATALOG NO.: XW-RP3125

BACKGROUND:

Microtubules, polymers of alpha and beta tubulin subunits, form the mitotic spindle of a dividing cell and help to organize membranous organelles during interphase. Katanin is a heterodimer that consists of a 60 kDa ATPase (p60 subunit A 1) and an 80 kDa accessory protein (p80 subunit B 1). The p60 subunit acts to sever and disassemble microtubules, while the p80 subunit targets the enzyme to the centrosome. Katanin is a member of the AAA family of ATPases.

SOURCE: E. coli

PURITY: 95%

BUFFER: 10 mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN₃, 10mM DTT

FUSION PARTNER: T7 tag at N-terminus

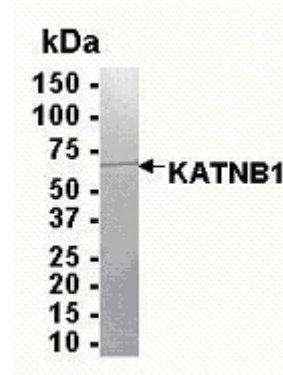
DOMAIN: aa. 1-655

MOLECULAR WEIGHT: 75.3 kDa (Calculated)

PROTEIN GI #: 5031817

PROTEIN ACCESSION #: NP_005877

TESTED APPLICATION: WB,E,MS



SDS PAGE: Analysis of KATNB1 Recombinant Protein. 4-20% SDS gradient gel. Coomassie blue staining.

STORAGE: Store at -70°C. As with any protein, exposing KATNB1 recombinant protein to repeated freeze/thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.

During shipment, small volumes of KATNB1 recombinant protein will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap. **For research use only.**