

ITGB3BP, 1-216aa, Human His tag, E.coli

Cat.NO.: TP02697

3th Edition

Synonyms:Centromere protein R isoform 1, CENP-R, CENPR, HSU37139, NRIF3, TAP20

Description:Centromere protein R isoform 1, also known as ITGB3BP1, is a widely expressed protein that contains a DD1 or RepD1 domain and an LXXLL motif. Induced by estrogen, ITGB3BP1 is believed to function as a nuclear receptor coactivator. It also associates with the CENP-A-CAD complex which is involved in mitotic progression, the assembly of kinetochore proteins and chromosome segregation. It acts as a transcriptional corepressor via its interaction with the NFKB1 NF-kappa-B subunit, possibly by interfering with the transactivation domain of NFKB1. Recombinant human ITGB3BP1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:27.1 kDa (239aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMFPAPVAQARVQWHDFRSLQHLLPAFKRFSCLSLGSSWDYSVKRSLKLDG
LLENSFDPSKITRKKSVITYSPTTGTCQMSLFASPTSSEEQKHRNGLSNEKRKRLNHPSLTESKESTTKDNDEFMM
LLSKVEKLSEEIMEIMQNLSSIQALEGSRELENLIGISCASHFLKREMQKTKELMTKVKNQKLFKSTGLPHKASRHL
DSYEFLKAILN

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.