

Recombinant human ITGB3BP protein

Catalog Number: ATGP2058

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-216aa

UniProt No.

Q13352

NCBI Accession No.

NP_001193668

Alternative Names

Centromere protein R isoform 1, CENP-R, CENPR, HSu37139, NRIF3, TAP20

PRODUCT SPECIFICATION

Molecular Weight

27.1 kDa (239aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

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

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.

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Amino acid Sequence

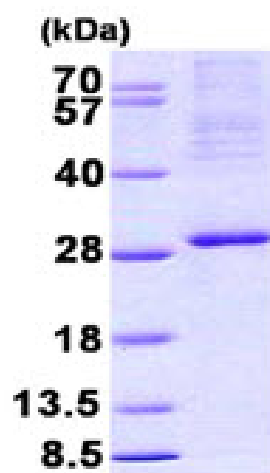
MGSSHHHHHHH SSGLVPRGSH MGSMPFAPVA QARVQWHDFR SLQHLLPAFK RFSCLSLGSS WDYSVKRSLK LDGLLENSF
DPSKITRKKK VITYSPTTGT CQMSLFASPT SSEEQKHRNG LSNEKRKKNL HPSLTESKES TTKDNDEFMM LLSKVEKLSE
EIMEIMQNLS SIQALEGSRE LENLIGISCA SHFLKREMOK TKELMTKVNK QKLFESTGL PHKASRHLDY YEFLKAILN

General References

Foltz D R., et al. (2006) Nat Cell Biol. 8:458-469.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)