

Product datasheet for TP300064

OriGene Technologies, Inc.

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ITGB3BP (NM_014288) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human integrin beta 3 binding protein (beta3-endonexin) (ITGB3BP),

20 µg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC200064 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MPVKRSLKLDGLLEENSFDPSKITRKKSVITYSPTTGTCQMSLFASPTSSEEQKHRNGLSNEKRKKLNHP SLTESKESTTKDNDEFMMLLSKVEKLSEEIMEIMQNLSSIQALEGSRELENLIGISCASHFLKREMQKTK

ELMTKVNKQKLFEKSTGLPHKASRHLDSYEFLKAILN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 20 kDa

Concentration: >0.05 μg/μL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 055103

Locus ID: 23421

UniProt ID: Q13352





RefSeq Size: 1019

Cytogenetics: 1p31.3 RefSeq ORF: 531

Synonyms: CENP-R; CENPR; HSU37139; NRIF3; TAP20

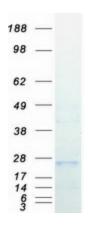
Summary: This gene encodes a transcriptional coregulator that binds to and enhances the activity of

members of the nuclear receptor families, thyroid hormone receptors and retinoid X receptors. This protein also acts as a corepressor of NF-kappaB-dependent signaling. This protein induces apoptosis in breast cancer cells through a caspase 2-mediated signaling pathway. This protein is also a component of the centromere-specific histone H3 variant nucleosome associated complex (CENP-NAC) and may be involved in mitotic progression by recruiting the histone H3 variant CENP-A to the centromere. Alternate splicing results in

multiple transcript variants. [provided by RefSeq, Sep 2011]

Protein Families: Druggable Genome, Stem cell - Pluripotency, Transcription Factors

Product images:



Coomassie blue staining of purified ITGB3BP protein (Cat# TP300064). The protein was produced from HEK293T cells transfected with ITGB3BP cDNA clone (Cat# [RC200064]) using MegaTran 2.0 (Cat# [TT210002]).