

# Recombinant Full Length Human ITGB3BP Protein, C-Flag-tagged

**Cat. No.** ITGB3BP-1967HFL    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Human ITGB3BP Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.

### Species

Human

### Source

Mammalian Cells

### Description

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.

### Form

25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### Molecular Mass

20 kDa

### AA Sequence

MPVKRSLKLDGLLEENSFDPSKITRKKSIVITYSPTTGTCQMSLFASPTSSEEQKHRN  
GLSNEKRKKNHP SLTESKESTTKDNDEFMMLLSKVEKLSEEIMEIMQNLSSIQALE  
GSRELENLIGISCASHFLKREMQKTK ELMTKVNKQKLFEKSTGLPHKASRHLDSYEF  
LKAILN TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Families</b>	Druggable Genome, Stem cell - Pluripotency, Transcription Factors
<b>Full Length</b>	Full L.

## GENE INFORMATION

<b>Gene Name</b>	ITGB3BP integrin subunit beta 3 binding protein [ Homo sapiens (human) ]
<b>Official Symbol</b>	ITGB3BP
<b>Synonyms</b>	CENPR; NRIF3; TAP20; CENP-R; HSU37139
<b>Gene ID</b>	23421
<b>mRNA Refseq</b>	NM_014288.5
<b>Protein Refseq</b>	NP_055103.3
<b>MIM</b>	605494

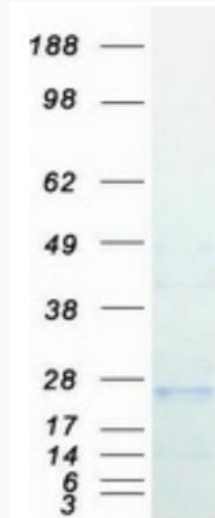
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UniProt ID

Q13352



Coomassie blue staining of purified ITGB3BP protein.

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