

## Product datasheet for **TP300064**

### 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 or AA Sequence: | >RC200064 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)                    |

MPVKRSLKLDGLLENSFDPSKITRKKSVITYSPTTGTCQMSLFASPTSSEEQKHRNGLSNEKRKKNHP  
SLTESKESTTKDNDEFMMLLSKVEKLSEEIMEIMQNLSSIQALEGSRELENLIGISCASHFLKREMQKTK  
ELMTKVNKQKLFKSTGLPHKASRHLDSEYFLKAILN

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

|                |  |
|----------------|--|
| 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:        | <a href="#">NP_055103</a>  |
| Locus ID:      | 23421  |
| UniProt ID:    | <a href="#">Q13352</a>   |



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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]).