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Product datasheet for PH300064

ITGB3BP (NM_014288) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ITGB3BP MS Standard C13 and N15-labeled recombinant protein (NP_055103)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200064
Predicted MW:	20.2 kDa
Protein Sequence:	>RC200064 protein sequence Red=Cloning site Green=Tags(s) MPVKRSLKLDGLLEENSFDPSKITRKKSVITYSPTTGTCQMSLFASPTSSEEQKHRNGLSNEKRKKLNHP SLTESKESTTKDNDEFMMLLSKVEKLSEEIMEIMQNLSSIQALEGSRELENLIGISCASHFLKREMQKTK ELMTKVNKQKLFEKSTGLPHKASRHLDSYEFLKAILN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055103
RefSeq Size:	1019
RefSeq ORF:	531
Synonyms:	CENP-R; CENPR; HSU37139; NRIF3; TAP20
Locus ID:	23421
UniProt ID:	Q13352

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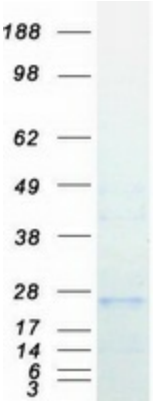
Cytogenetics: 1p31.3

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]).