

Recombinant Human ITGB3BP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ITGB3BP-3126H Lot. No. (See product label)

SPECIFICATION

Product Overview	ITGB3BP MS Standard C13 and N15-labeled recombinant protein (NP_055103) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	20.2 kDa
AA Sequence	MPVKRSLKLDGLLENSFDPSKITRKKSVITYSPTTGTCQMSLFASPTSSEEQKHRN GLSNEKRKKNLHPSLTKESTTKDNDEFMMLLSKVEKLSEEIMEIMQNLSSIQALEG SRELENLIGISCASHFLKREMQTKELMTKVNKQKLFKSTGLPHKASRHLDSEYFLK AILNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ITGB3BP integrin subunit beta 3 binding protein [Homo sapiens (human)]
Official Symbol	ITGB3BP
Synonyms	ITGB3BP; integrin beta 3 binding protein (beta3-endonexin); centromere protein R; CENPR; HSU37139; NRIF3; TAP20; beta 3 endonexin; beta-3-endonexin; integrin beta-3-binding protein; nuclear receptor-interacting factor 3; CENP-R;
Gene ID	23421
mRNA Refseq	NM_014288
Protein Refseq	NP_055103
MIM	605494
UniProt ID	Q13352

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SDS-PAGE



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