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Product datasheet for RC200064L3V

ITGB3BP (NM_014288) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ITGB3BP (NM_014288) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ITGB3BP
Synonyms:	CENP-R; CENPR; HSU37139; NRIF3; TAP20
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014288
ORF Size:	531 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC200064).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_014288.3
RefSeq Size:	1019 bp
RefSeq ORF:	534 bp
Locus ID:	23421
UniProt ID:	Q13352
Cytogenetics:	1p31.3
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transcription Factors
MW:	20.2 kDa

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Gene 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]