Product datasheet for RC215913L3V

BEND3 (NM_001080450) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	BEND3 (NM_001080450) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BEND3
Synonyms:	KIAA1553
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001080450
ORF Size:	2484 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215913).
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_001080450.1, NP_001073919.1
RefSeq Size:	6010 bp
RefSeq ORF:	2487 bp
Locus ID:	57673
UniProt ID:	Q5T5X7
Cytogenetics:	6q21
MW:	94.3 kDa

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Gene Summary: Transcriptional repressor which associates with the NoRC (nucleolar remodeling complex) complex and plays a key role in repressing rDNA transcription. The sumoylated form modulates the stability of the NoRC complex component BAZ2A/TIP5 by controlling its USP21-mediated deubiquitination (PubMed:21914818, PubMed:26100909). Binds to unmethylated major satellite DNA and is involved in the recruitment of the Polycomb repressive complex 2 (PRC2) to major satellites (By similarity). Stimulates the ERCC6L translocase and ATPase activities (PubMed:28977671).[UniProtKB/Swiss-Prot Function]