

Product datasheet for **RC204504L1V**

AP2 beta (TFAP2B) (NM_003221) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AP2 beta (TFAP2B) (NM_003221) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AP2 beta
Synonyms:	AP-2B; AP-2beta; AP2-B; PDA2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_003221
ORF Size:	1380 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204504).
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_003221.3
RefSeq Size:	5770 bp
RefSeq ORF:	1383 bp
Locus ID:	7021
UniProt ID:	Q92481
Cytogenetics:	6p12.3
Domains:	TF_AP-2
Protein Families:	Druggable Genome, Transcription Factors



[View online »](#)

MW: 50.5 kDa

Gene Summary: This gene encodes a member of the AP-2 family of transcription factors. AP-2 proteins form homo- or hetero-dimers with other AP-2 family members and bind specific DNA sequences. They are thought to stimulate cell proliferation and suppress terminal differentiation of specific cell types during embryonic development. Specific AP-2 family members differ in their expression patterns and binding affinity for different promoters. This protein functions as both a transcriptional activator and repressor. Mutations in this gene result in autosomal dominant Char syndrome, suggesting that this gene functions in the differentiation of neural crest cell derivatives. [provided by RefSeq, Jul 2008]