

Product datasheet for **RC204603L2V**

AP2 alpha (TFAP2A) (NM_001032280) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AP2 alpha (TFAP2A) (NM_001032280) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AP2 alpha
Synonyms:	AP-2; AP-2alpha; AP2TF; BOFS; TFAP2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001032280
ORF Size:	1293 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204603).
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_001032280.2 , NP_001027451.1
RefSeq Size:	3808 bp
RefSeq ORF:	1296 bp
Locus ID:	7020
UniProt ID:	P05549
Cytogenetics:	6p24.3
Protein Families:	Druggable Genome, Transcription Factors
MW:	47.2 kDa



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Gene Summary:

The protein encoded by this gene is a transcription factor that binds the consensus sequence 5'-GCCNNNGGC-3'. The encoded protein functions as either a homodimer or as a heterodimer with similar family members. This protein activates the transcription of some genes while inhibiting the transcription of others. Defects in this gene are a cause of branchiooculofacial syndrome (BOFS). Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Dec 2009]