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Product datasheet for RC205126L4V

KLF12 (NM_007249) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KLF12 (NM_007249) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KLF12
Synonyms:	AP-2rep; AP2REP; HSPC122
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007249
ORF Size:	1206 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC205126).`
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_007249.4
RefSeq Size:	10923 bp
RefSeq ORF:	1209 bp
Locus ID:	11278
UniProt ID:	Q9Y4X4
Cytogenetics:	13q22.1
Domains:	zf-C2H2
Protein Families:	Transcription Factors

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MW: 44.2 kDa

Gene Summary: Activator protein-2 alpha (AP-2 alpha) is a developmentally-regulated transcription factor and important regulator of gene expression during vertebrate development and carcinogenesis. The protein encoded by this gene is a member of the Kruppel-like zinc finger protein family and can repress expression of the AP-2 alpha gene by binding to a specific site in the AP-2 alpha gene promoter. Repression by the encoded protein requires binding with a corepressor, CtBP1. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]