OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC219686L3V

TEAD4 (NM_003213) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TEAD4 (NM_003213) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TEAD4
Synonyms:	EFTR-2; hRTEF-1B; RTEF1; TCF13L1; TEF-3; TEF3; TEFR-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003213
ORF Size:	1302 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219686).
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_003213.2
RefSeq Size:	1798 bp
RefSeq ORF:	1305 bp
Locus ID:	7004
UniProt ID:	Q15561
Cytogenetics:	12p13.33
Domains:	TEA
Protein Families:	Transcription Factors

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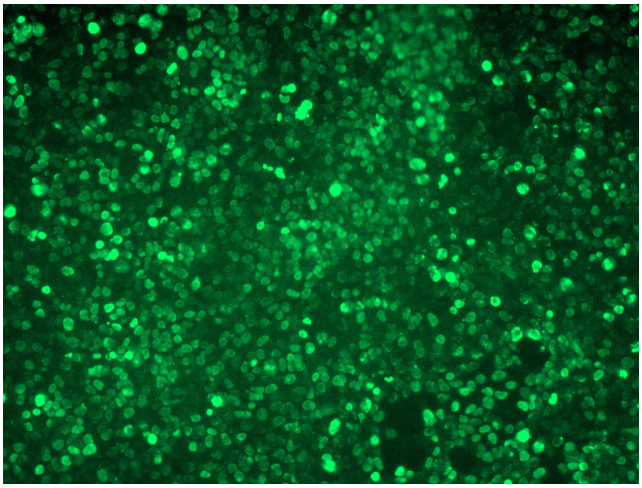
MW: 48.3 kDa

Gene Summary: This gene product is a member of the transcriptional enhancer factor (TEF) family of transcription factors, which contain the TEA/ATTS DNA-binding domain. It is preferentially expressed in the skeletal muscle, and binds to the M-CAT regulatory element found in promoters of muscle-specific genes to direct their gene expression. Alternatively spliced transcripts encoding distinct isoforms, some of which are translated through the use of a non-AUG (UUG) initiation codon, have been described for this gene. [provided by RefSeq, Jul 2008]

Product images:



[RC219686L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC219686L3V particle to overexpress human TEAD4-Myc-DDK fusion protein.