

Product datasheet for **MR219507L4V**

Tead4 (NM_001080979) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tead4 (NM_001080979) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tead4
Synonyms:	Etfr; ETFR-; ETFR-2; Etfr2; FR-19; Rtef; Rtef1; Tcf13r; Tcf13r1; TEAD-; TEAD-4; Tef; TEF-3; Tef3; Tefr; Tefr1; Tefr1a
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001080979
ORF Size:	1152 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR219507).
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_001080979.1 , NP_001074448.2
RefSeq Size:	2947 bp
RefSeq ORF:	1155 bp
Locus ID:	21679
UniProt ID:	Q62296
Cytogenetics:	6 62.92 cM



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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. This factor may play a role in the embryonic development of skeletal muscle. Alternatively spliced transcripts encoding distinct isoforms, which are translated through the use of a non-AUG (AUG) initiation codon, have been described for this gene. [provided by RefSeq, Jul 2008]