Product datasheet for MR210893L3V

Taf1c (NM_021441) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Taf1c (NM_021441) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Taf1c
Synonyms:	mTAFI95; Tafi95
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_021441
ORF Size:	2508 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210893).
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_021441.2
RefSeq Size:	3255 bp
RefSeq ORF:	2511 bp
Locus ID:	21341
UniProt ID:	Q6PDZ2
Cytogenetics:	8 E1

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Gene Summary:

Component of the transcription factor SL1/TIF-IB complex, which is involved in the assembly of the PIC (preinitiation complex) during RNA polymerase I-dependent transcription. The rate of PIC formation probably is primarily dependent on the rate of association of SL1/TIF-IB with the rDNA promoter. SL1/TIF-IB is involved in stabilization of nucleolar transcription factor 1/UBTF on rDNA. Formation of SL1/TIF-IB excludes the association of TBP with TFIID subunits. Recruits RNA polymerase I to the rRNA gene promoter via interaction with RRN3 (By similarity).[UniProtKB/Swiss-Prot Function]