

Product datasheet for MR231124

Tle4 (NM_001302947) Mouse Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids	
Product Name:	Tle4 (NM_001302947) Mouse Tagged ORF Clone	
Tag:	Myc-DDK	
Symbol:	Tle4	
Synonyms:	5730411M05Rik; AA792082; Bce-1; Bce1; ESTM13; ESTM14; grg-4; Grg4; X83332; X83333	
Mammalian Cell Selection:	Neomycin	
Vector:	pCMV6-Entry (PS100001)	
E. coli Selection:	Kanamycin (25 ug/mL)	
Restriction Sites:	Sgfl-Mlul	
Cloning Scheme:	Cloning sites used for ORF Shuttling:	
	Sgfi ORF Miui GCGATCGC C ATG NIN ACG CGT	
	Kozac Consensus Consensus <th col<="" th=""></th>	
	TRTRPL <u>EQRV</u> Flag.Tag <u>Pme I Fse I</u> GAT CTG GCA AGT ATT CTG GAT TAC AGG GAT GAC GAC GAT AAG GTT TAA ACGCCCGCCC	

GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC GAT AAG GTT TAA ACGGCCGGGCC $\underline{D \ L}$ \underline{A} \underline{A} \underline{N} D \underline{I} \underline{L} \underline{D} \underline{Y} \underline{K} \underline{D} \underline{D} \underline{D} \underline{K} \underline{V} stop

* The last codon before the Stop codon of the ORF

ACCN: ORF Size: NM_001302947 2322 bp



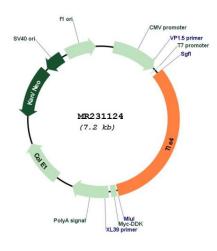
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ORÎGENE Tle4 (I	NM_001302947) Mouse Tagged ORF Clone – MR231124
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ 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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 001302947.1, NP 001289876.1</u>
RefSeq Size:	4758 bp
RefSeq ORF:	2325 bp
Locus ID:	21888
Cytogenetics:	19 9.11 cM
MW:	84.4 kDa
Gene Summary:	Transcriptional corepressor that binds to a number of transcription factors. Inhibits the transcriptional activation mediated by PAX5, and by CTNNB1 and TCF family members in Wnt signaling. The effects of full-length TLE family members may be modulated by association with dominant-negative AES. Essential for the transcriptional repressor activity of SIX3 during retina and lens development and for SIX3 transcriptional auto-repression.[UniProtKB/Swiss-Prot Function]

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Product images:



Circular map for MR231124

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