

Product datasheet for RC207059L4

TEX9 (NM_198524) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Tag: mGFP

Symbol: TEX9

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC207059).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shuttling:

Sgf 1 ORF Mlu I

GCG ATC GCC ATG ---//--- NNN ACG CGT ---

					_ (Kozak Consensus									
EcoR I	BamH I			RBS			Sgf I				ORF				
CTATAGGGCGGCCGGGAATTCGTC	GACT	GGAT	ccGG	STACC	GAG	AGA	TCTG	ccgc	cGCG	ATCG	C C A1	G			
	Mlu I			Not I _Xho I			101	mGFP Tag							
NNÑ	ACG		ACG	CGG		CTC									
	т	R	Т	R	Р	L	Е	М	S	G	G	-	-	-	
GGA CTC AGA GTT TGG	GTA	GGA.	AGC												

^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_198524

ORF Size: 1173 bp



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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.

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: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um

filter is required.

RefSeq: <u>NM_198524.1, NP_940926.1</u>

RefSeq Size: 1559 bp

RefSeq ORF: 1176 bp

Locus ID: 374618

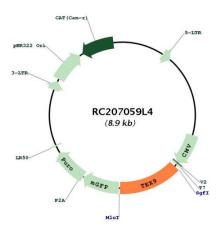
UniProt ID: Q8N6V9

Cytogenetics: 15q21.3

MW: 44.8 kDa



Product images:



Circular map for RC207059L4