

Product datasheet for RC231140L4

TSPY1 (NM_001197242) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	mGFP
Symbol:	TSPY1
Synonyms:	CT78; DYS14; pJA923; TSPY
Mammalian Cell Selection:	Puromycin
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(RC231140).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



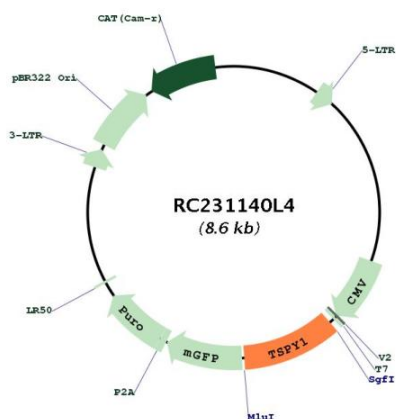
* The last codon before the Stop codon of the ORF.

ACCN:	NM_001197242
ORF Size:	882 bp



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:	NM_001197242.1
RefSeq ORF:	885 bp
Locus ID:	7258
UniProt ID:	Q01534
Cytogenetics:	Yp11.2
MW:	33.6 kDa
Gene Summary:	The protein encoded by this gene is found only in testicular tissue and may be involved in spermatogenesis. Many functional paralogs and pseudogenes of this gene are present in a cluster in humans, but only a single, nonfunctional orthologous gene is found in mouse. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]

Product images:



Circular map for RC231140L4