

# Product datasheet for MG202919

### Tspan4 (NM\_053082) Mouse Tagged ORF Clone

#### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Expression Plasmids						
Product Name:	Tspan4 (NM_053082) Mouse Tagged ORF Clone						
Tag:	TurboGFP						
Symbol:	Tspan4						
Synonyms:	Al325509; Al746565; D130042l01Rik; NAG-2; Tm4sf7; Tspan-4						
Mammalian Cell Selection:	Neomycin						
Vector:	pCMV6-AC-GFP (PS100010)						
E. coli Selection:	Ampicillin (100 ug/mL)						
<b>Restriction Sites:</b>	Sgfl-Mlul						
Cloning Scheme:	Cloning sites used for ORF Shuttling: GCGATOGC C ATG NNN ACG CGT						

											ozac	5				
	EcoR I		BamH I Kpn I			11	RBS				Sgfl		Asc /			
CTATAGGGCGGG	CGGGAA	TTCGTCG	GACTO	GAT	CCGG	ACCO	AGG	GAT	TGCC	CGCCC	CGAT	CGCC	GGC	GCGC	CAGA	TCT
Hind III	Nhe I	Rsr II	м	u I		N	ot I	×	ho l			GFP T	ag			
Hind III CAAGCTTAACTJ					ACG					ATG						
					ACG T					ATG M						

--- GAA GAA AGA GTT TAA ACGGCCGGCCGCGGAGCT - - E E R V Stop

 ACCN:
 NM\_053082

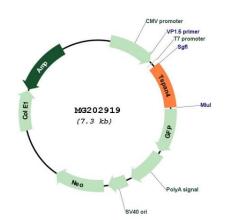
 ORF Size:
 714 bp



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	an4 (NM_053082) Mouse Tagged ORF Clone – MG202919
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 Metho	<ul> <li>d: 1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ul>
RefSeq:	<u>NM 053082.2, NP 444312.1</u>
RefSeq Size:	1479 bp
RefSeq ORF:	717 bp
Locus ID:	64540
UniProt ID:	Q9DCK3
Cytogenetics:	7 F5

## Product images:



Circular map for MG202919

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