

Product datasheet for **RC217532L4V**

Transcription factor Sp4 (SP4) (NM_003112) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Transcription factor Sp4 (SP4) (NM_003112) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Transcription factor Sp4
Synonyms:	HF1B; SPR-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003112
ORF Size:	2352 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217532).
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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_003112.3
RefSeq Size:	5811 bp
RefSeq ORF:	2355 bp



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Locus ID:	6671
UniProt ID:	<u>Q02446</u>
Cytogenetics:	7p15.3
Domains:	zf-C2H2
Protein Families:	Transcription Factors
MW:	81.8 kDa
Gene Summary:	The protein encoded by this gene is a transcription factor that can bind to the GC promoter region of a variety of genes, including those of the photoreceptor signal transduction system. The encoded protein binds to the same sites in promoter CpG islands as does the transcription factor SP1, although its expression is much more restricted compared to that of SP1. This gene may be involved in bipolar disorder and schizophrenia. [provided by RefSeq, May 2016]