

Product datasheet for **MR219827L3V**

Trip4 (NM_001170907) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Trip4 (NM_001170907) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Trip4
Synonyms:	4930558E03Rik; ASC-1; Asc1; BB191711
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001170907
ORF Size:	1617 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR219827).
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.
RefSeq:	NM_001170907.1 , NP_001164378.1
RefSeq Size:	6253 bp
RefSeq ORF:	1620 bp
Locus ID:	56404
UniProt ID:	Q9QXN3
Cytogenetics:	9 C



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Gene Summary:

Transcription coactivator which associates with nuclear receptors, transcriptional coactivators including EP300, CREBBP and NCOA1, and basal transcription factors like TBP and TFIIA to facilitate nuclear receptors-mediated transcription. May thereby play an important role in establishing distinct coactivator complexes under different cellular conditions. Plays a role in thyroid hormone receptor and estrogen receptor transactivation (By similarity). Also involved in androgen receptor transactivation (PubMed:12077347). Plays a pivotal role in the transactivation of NF-kappa-B, SRF and AP1. Acts as a mediator of transrepression between nuclear receptor and either AP1 or NF-kappa-B. May play a role in the development of neuromuscular junction (By similarity). May play a role in late myogenic differentiation (PubMed:27008887).[UniProtKB/Swiss-Prot Function]