

Product datasheet for **MR222855L3V**

Tgfbrap1 (NM_001013025) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tgfbrap1 (NM_001013025) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tgfbrap1
Synonyms:	3110018K12Rik; AU024090; AU042859; AW742551; Trap1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001013025
ORF Size:	2583 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222855).
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_001013025.2 , NP_001013043.1
RefSeq Size:	5565 bp
RefSeq ORF:	2583 bp
Locus ID:	73122
UniProt ID:	Q3UR70
Cytogenetics:	1 B



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Gene Summary:

Plays a role in the TGF-beta/activin signaling pathway. It associates with inactive heteromeric TGF-beta and activin receptor complexes, mainly through the type II receptor, and is released upon activation of signaling. May recruit SMAD4 to the vicinity of the receptor complex and facilitate its interaction with receptor-regulated Smads, such as SMAD2 (By similarity).
[UniProtKB/Swiss-Prot Function]