Product datasheet for MR208091L3V

Tgfbr1 (NM_009370) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tgfbr1 (NM_009370) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tgfbr1
Synonyms:	AL; Alk; Alk-5; ALK5; AU017191; ESK2; Tbet; Tbeta; TbetaR-I; TbetaRI; TGFR-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009370
ORF Size:	1509 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208091).
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_009370.2, NP_033396.1
RefSeq Size:	5735 bp
RefSeq ORF:	1512 bp
Locus ID:	21812
UniProt ID:	Q64729
Cytogenetics:	4 26.02 cM

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Gene Summary:
This gene encodes a member of the transforming growth factor beta (TGF-beta) receptor family of proteins. These proteins comprise one component of the TGF-beta signaling pathway, which transduces extracellular signals into gene expression changes to regulate a wide range of cellular responses, including proliferation, migration, differentiation and apoptosis. Homozygous knockout mice for this gene exhibit impaired angiogenesis and embryonic lethality. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2015]