

Product datasheet for **MR226655L4V**

Fasl (NM_010177) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fasl (NM_010177) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fasl
Synonyms:	APT1LG1; CD95-L; CD95L; CD178; Fas-L; Faslg; gld; Tnfsf6; Tnlg1a
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010177
ORF Size:	837 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226655).
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_010177.4 , NP_034307.1
RefSeq Size:	1935 bp
RefSeq ORF:	840 bp
Locus ID:	14103
UniProt ID:	P41047
Cytogenetics:	1 69.95 cM



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Gene Summary:

Cytokine that binds to TNFRSF6/FAS, a receptor that transduces the apoptotic signal into cells (PubMed:7511063). Involved in cytotoxic T-cell-mediated apoptosis, natural killer cell-mediated apoptosis and in T-cell development (PubMed:19794494, PubMed:7532682). Initiates fratricidal/suicidal activation-induced cell death (AICD) in antigen-activated T-cells contributing to the termination of immune responses (PubMed:19794494). TNFRSF6/FAS-mediated apoptosis has also a role in the induction of peripheral tolerance (PubMed:10779162). Binds to TNFRSF6B/DcR3, a decoy receptor that blocks apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]