

Product datasheet for **MR208270L4V**

MIstd1 (BC055759) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MIstd1 (BC055759) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	MIstd1
Synonyms:	A230046P18, MGC67167
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC055759
ORF Size:	1545 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208270).
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:	BC055759 , AAH55759
RefSeq Size:	2626 bp
RefSeq ORF:	1547 bp
Locus ID:	330450
Cytogenetics:	6 G3


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Gene Summary:

Catalyzes the reduction of saturated but not unsaturated C16 or C18 fatty acyl-CoA to fatty alcohols. A lower activity can be observed with shorter fatty acyl-CoA substrates (PubMed:15220348). It may play a role in the production of ether lipids/plasmalogens and wax monoesters which synthesis requires fatty alcohols as substrates (By similarity).
[UniProtKB/Swiss-Prot Function]