

## Product datasheet for **RC224081L4V**

### Malignant fibrous histiocytoma (MFHAS1) (NM\_004225) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Malignant fibrous histiocytoma (MFHAS1) (NM_004225) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Malignant fibrous histiocytoma
Synonyms:	LRRC65; MASL1; ROCO4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004225
ORF Size:	3156 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224081).
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. <a href="#">More info</a>
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:	<a href="#">NM_004225.1</a>
RefSeq Size:	3159 bp
RefSeq ORF:	3159 bp
Locus ID:	9258
UniProt ID:	<a href="#">Q9Y4C4</a>
Cytogenetics:	8p23.1
MW:	116.8 kDa


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**Gene Summary:**

Identified in a human 8p amplicon, this gene is a potential oncogene whose expression is enhanced in some malignant fibrous histiocyomas (MFH). The primary structure of its product includes an ATP/GTP-binding site, three leucine zipper domains, and a leucine-rich tandem repeat, which are structural or functional elements for interactions among proteins related to the cell cycle, and which suggest that overexpression might be oncogenic with respect to MFH. [provided by RefSeq, Jul 2008]