

Product datasheet for **MR216035L4V**

Folh1 (NM_001159706) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Folh1 (NM_001159706) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Folh1
Synonyms:	GCP2; mopsm
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001159706
ORF Size:	2160 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216035).
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_001159706.1 , NP_001153178.1
RefSeq Size:	2948 bp
RefSeq ORF:	2160 bp
Locus ID:	53320
UniProt ID:	O35409
Cytogenetics:	7 D3



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Gene Summary:

Has both folate hydrolase and N-acetylated-alpha-linked-acidic dipeptidase (NAALADase) activity. Has a preference for tri-alpha-glutamate peptides (By similarity). In the intestine, required for the uptake of folate. In the brain, modulates excitatory neurotransmission through the hydrolysis of the neuropeptide, N-aceylaspartyglutamate (NAAG), thereby releasing glutamate.[UniProtKB/Swiss-Prot Function]