

Product datasheet for **MR218590L4V**

Hmha1 (Arhgap45) (NM_001142701) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hmha1 (Arhgap45) (NM_001142701) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Arhgap45
Synonyms:	6330406L22Rik; AW539505; Ha-1; Hmha1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001142701
ORF Size:	3348 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218590).
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_001142701.1 , NP_001136173.1
RefSeq Size:	3928 bp
RefSeq ORF:	3351 bp
Locus ID:	70719
UniProt ID:	Q3TBD2
Cytogenetics:	10 C1



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Gene Summary:

Contains a GTPase activator for the Rho-type GTPases (RhoGAP) domain that would be able to negatively regulate the actin cytoskeleton as well as cell spreading. However, also contains N-terminally a BAR-domain which is able to play an autoinhibitory effect on this RhoGAP activity.[UniProtKB/Swiss-Prot Function]