

Product datasheet for **MR216542L4V**

Gsg2 (Haspin) (NM_010353) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gsg2 (Haspin) (NM_010353) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Haspin
Synonyms:	Gsg2; Haspin
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010353
ORF Size:	2265 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216542).
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_010353.2 , NP_034483.1
RefSeq Size:	2818 bp
RefSeq ORF:	2265 bp
Locus ID:	14841
UniProt ID:	Q9Z0R0
Cytogenetics:	11 45.25 cM



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Gene Summary:

Serine/threonine-protein kinase that phosphorylates histone H3 at 'Thr-3' (H3T3ph) during mitosis. May act through H3T3ph to both position and modulate activation of AURKB and other components of the chromosomal passenger complex (CPC) at centromeres to ensure proper chromatid cohesion, metaphase alignment and normal progression through the cell cycle.[UniProtKB/Swiss-Prot Function]