

## Product datasheet for MR216542L3V

## OriGene Technologies, Inc.

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## 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

Gsg2; Haspin Synonyms: **Mammalian Cell** Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK NM 010353 ACCN: **ORF Size:** 2265 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(MR216542).

OTI Disclaimer:

Sequence:

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

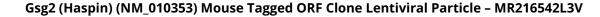
varies depending on the nature of the gene.

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







**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]