

Product datasheet for **RC212998L4V**

Haspin (GSG2) (NM_031965) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Haspin (GSG2) (NM_031965) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Haspin
Synonyms:	GSG2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_031965
ORF Size:	2394 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212998).
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_031965.2 , NP_114171.2
RefSeq Size:	2797 bp
RefSeq ORF:	2397 bp
Locus ID:	83903
UniProt ID:	Q8TF76
Cytogenetics:	17p13.2
Protein Families:	Druggable Genome, Protein Kinase
MW:	88.3 kDa



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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]