

Product datasheet for **MR225877L3V**

Hace1 (NM_172473) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hace1 (NM_172473) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hace1
Synonyms:	1700042J16Rik; A730034A22Rik; BC025474
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_172473
ORF Size:	2730 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225877).
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_172473.3 , NP_766061.2
RefSeq Size:	3785 bp
RefSeq ORF:	2730 bp
Locus ID:	209462
UniProt ID:	Q3U0D9
Cytogenetics:	10 B2



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Gene Summary:

E3 ubiquitin-protein ligase involved in Golgi membrane fusion and regulation of small GTPases. Acts as a regulator of Golgi membrane dynamics during the cell cycle: recruited to Golgi membrane by Rab proteins and regulates postmitotic Golgi membrane fusion. Acts by mediating ubiquitination during mitotic Golgi disassembly, ubiquitination serving as a signal for Golgi reassembly later, after cell division. Specifically interacts with GTP-bound RAC1, mediating ubiquitination and subsequent degradation of active RAC1, thereby playing a role in host defense against pathogens (By similarity). May also act as a transcription regulator via its interaction with RARB.[UniProtKB/Swiss-Prot Function]