

## Product datasheet for **MR205735L3V**

### Gpn1 (NM\_133756) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Gpn1 (NM_133756) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gpn1
Synonyms:	2410004J02Rik; AI449615; MBDIN; NTPBP; Xab1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_133756
ORF Size:	1119 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205735).
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. <a href="#">More info</a>
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:	<a href="#">NM_133756.2</a>
RefSeq Size:	1847 bp
RefSeq ORF:	1119 bp
Locus ID:	74254
UniProt ID:	<a href="#">Q8VCE2</a>
Cytogenetics:	5 B1



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**Gene Summary:**

Small GTPase required for proper nuclear import of RNA polymerase II (RNAPII). May act at an RNAP assembly step prior to nuclear import. Forms an interface between the RNA polymerase II enzyme and chaperone/scaffolding proteins, suggesting that it is required to connect RNA polymerase II to regulators of protein complex formation. May be involved in nuclear localization of XPA.[UniProtKB/Swiss-Prot Function]