

Product datasheet for **MR204626L4V**

Nubp1 (BC055436) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nubp1 (BC055436) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nubp1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC055436
ORF Size:	960 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204626).
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:	BC055436 , AAH55436
RefSeq Size:	1264 bp
RefSeq ORF:	962 bp
Locus ID:	26425
Cytogenetics:	16 5.61 cM

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Gene Summary:

Component of the cytosolic iron-sulfur (Fe/S) protein assembly (CIA) machinery. Required for maturation of extramitochondrial Fe-S proteins. The NUBP1-NUBP2 heterotetramer forms a Fe-S scaffold complex, mediating the de novo assembly of an Fe-S cluster and its transfer to target apoproteins (By similarity). Implicated in the regulation of centrosome duplication (PubMed:16638812, PubMed:23807208). Negatively regulates cilium formation and structure (PubMed:23807208).[UniProtKB/Swiss-Prot Function]