

Product datasheet for **MR212615L4V**

Brd1 (NM_001033274) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Brd1 (NM_001033274) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Brd1
Synonyms:	1110059H06Rik; AI316859; mKIAA4191
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001033274
ORF Size:	3567 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR212615).
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_001033274.3 , NP_001028446.2
RefSeq Size:	5137 bp
RefSeq ORF:	3570 bp
Locus ID:	223770
Cytogenetics:	15 E3



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Gene Summary:

Scaffold subunit of various histone acetyltransferase (HAT) complexes, such as the MOZ/MORF and HBO1 complexes, that acts as a regulator of hematopoiesis (PubMed:21753189). Plays a key role in HBO1 complex by directing KAT7/HBO1 specificity towards histone H3 'Lys-14' acetylation (H3K14ac), thereby promoting erythroid differentiation (PubMed:21753189).[UniProtKB/Swiss-Prot Function]