

Product datasheet for **MR223393L4V**

Brdt (NM_054054) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Brdt (NM_054054) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Brdt
Synonyms:	7420412D09Rik; Brd; Brd6; Fsr; Fsr3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_054054
ORF Size:	2868 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223393).
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_054054.2 , NP_473395.2
RefSeq Size:	4710 bp
RefSeq ORF:	2871 bp
Locus ID:	114642
UniProt ID:	Q91Y44
Cytogenetics:	5 E5



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Gene Summary:

The protein encoded by this gene belongs to the BET protein family. BET proteins have two N-terminal bromodomains and one C-terminal extraterminal domain (ET domain). BET proteins regulate chromatin reorganization via binding to acetylated histones. This gene is thought to play a role in the transcriptional regulation of spermatogenesis. Although referred to as testis-specific bromodomain (Brdt) protein, RT-PCR indicates that this gene is expressed in both mouse oocytes and testes. Alternative splicing results in multiple transcript variants encoding different proteins. [provided by RefSeq, Jul 2008]