

## OriGene Technologies, Inc.

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## Product datasheet for MR222369L3V

## Dbf4 (NM\_013726) Mouse Tagged ORF Clone Lentiviral Particle

## **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Dbf4 (NM_013726) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dbf4
Synonyms:	AA545217; Ask
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_013726
ORF Size:	1989 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222369).
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. <u>More info</u>
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:	<u>NM 013726.3, NP 038754.1</u>
RefSeq Size:	2444 bp
RefSeq ORF:	1992 bp
Locus ID:	27214
UniProt ID:	<u>Q9QZ41</u>
Cytogenetics:	5 A1
ORF Nucleotide Sequence: OTI Disclaimer: OTI Annotation: RefSeq: RefSeq Size: RefSeq ORF: Locus ID: UniProt ID:	The ORF insert of this clone is exactly the same as(MR222369). 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 This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. <u>NM 013726.3, NP 038754.1</u> 2444 bp 1992 bp 27214 <u>O90Z41</u>



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US



Gene Summary:Regulatory subunit for CDC7 which activates its kinase activity thereby playing a central role<br/>DNA in replication and cell proliferation. Required for progression of S phase. The complex<br/>CDC7-DBF4A selectively phosphorylates MCM2 subunit at 'Ser-40' and 'Ser-53' and then is<br/>involved in regulating the initiation of DNA replication during cell cycle.[UniProtKB/Swiss-Prot<br/>Function]

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