

Product datasheet for **MR224109L3V**

Ibtk (NM_001081282) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ibtk (NM_001081282) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ibtk
Synonyms:	5430411K16Rik; AA409502; BTKI; mKIAA1417
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001081282
ORF Size:	4056 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224109).
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_001081282.1 , NP_001074751.1
RefSeq Size:	5679 bp
RefSeq ORF:	4059 bp
Locus ID:	108837
UniProt ID:	Q6ZPR6
Cytogenetics:	9 E3.1



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Gene Summary:

Acts as an inhibitor of BTK tyrosine kinase activity, thereby playing a role in B-cell development. Down-regulates BTK kinase activity, leading to interference with BTK-mediated calcium mobilization and NF-kappa-B-driven transcription (By similarity).[UniProtKB/Swiss-Prot Function]