

Product datasheet for **MR208226L3V**

Frk (NM_001159544) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Frk (NM_001159544) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Frk
Synonyms:	BSK; BSK/IYK; C85044; GTK; RAK
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001159544
ORF Size:	1539 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208226).
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_001159544.1 , NP_001153016.1
RefSeq Size:	4825 bp
RefSeq ORF:	1539 bp
Locus ID:	14302
UniProt ID:	Q922K9
Cytogenetics:	10 B1



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Gene Summary:

Non-receptor tyrosine-protein kinase that negatively regulates cell proliferation. Positively regulates PTEN protein stability through phosphorylation of PTEN on 'Tyr-336', which in turn prevents its ubiquitination and degradation, possibly by reducing its binding to NEDD4. May function as a tumor suppressor (By similarity).[UniProtKB/Swiss-Prot Function]