

Product datasheet for **MR226317L4V**

Chka (NM_013490) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Chka (NM_013490) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Chka
Synonyms:	Chetk-alpha; Chk; ChoK; CK; CK/EK-alpha; EK; EtnK-alpha
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013490
ORF Size:	1305 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226317).
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_013490.3 , NP_038518.2
RefSeq Size:	2589 bp
RefSeq ORF:	1308 bp
Locus ID:	12660
UniProt ID:	O54804
Cytogenetics:	19 3.57 cM



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Gene Summary:

Has a key role in phospholipid biosynthesis and may contribute to tumor cell growth. Catalyzes the first step in phosphatidylcholine biosynthesis. Contributes to phosphatidylethanolamine biosynthesis. Phosphorylates choline and ethanolamine. Has higher activity with choline (By similarity).[UniProtKB/Swiss-Prot Function]