

Product datasheet for **MR211733L3V**

Fnip1 (NM_173753) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fnip1 (NM_173753) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fnip1
Synonyms:	A730024A03Rik; AI838773; AW557298
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_173753
ORF Size:	3495 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211733).
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_173753.4 , NP_776114.2
RefSeq Size:	6281 bp
RefSeq ORF:	3498 bp
Locus ID:	216742
UniProt ID:	Q68FD7
Cytogenetics:	11 B1.3



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Gene Summary:

Acts as a co-chaperone of HSP90AA1. Inhibits the ATPase activity of HSP90AA1 leading to reduction in its chaperone activity. Facilitates the binding of client protein FLCN to HSP90AA1. Competes with the activating co-chaperone AHSA1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins. May be involved in energy and/or nutrient sensing through the AMPK and mTOR signaling pathways. May regulate phosphorylation of RPS6KB1.[UniProtKB/Swiss-Prot Function]