

Product datasheet for **MR222286L3V**

Topors (NM_134097) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Topors (NM_134097) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Topors
Synonyms:	AW105885; LUN; p53BP3/LUN; TP53BPL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_134097
ORF Size:	3099 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222286).
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_134097.3 , NP_598858.2
RefSeq Size:	3842 bp
RefSeq ORF:	3102 bp
Locus ID:	106021
UniProt ID:	Q80Z37
Cytogenetics:	4 A5


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Gene Summary:

Functions as an E3 ubiquitin-protein ligase and as a E3 SUMO1-protein ligase. Probable tumor suppressor involved in cell growth, cell proliferation and apoptosis that regulates p53/TP53 stability through ubiquitin-dependent degradation. May regulate chromatin modification through sumoylation of several chromatin modification-associated proteins. May be involved in DNA-damage-induced cell death through IKBKE sumoylation. [UniProtKB/Swiss-Prot Function]