Product datasheet for MR215957L3V

Sh3rf2 (NM_001146299) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sh3rf2 (NM_001146299) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sh3rf2
Synonyms:	2310046K19; 9130023G24Rik; AI452083; Ppp1r39; RNF158
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001146299
ORF Size:	2208 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215957).
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_001146299.1, NP_001139771.1
RefSeq Size:	4784 bp
RefSeq ORF:	2208 bp
Locus ID:	269016
UniProt ID:	Q8BZT2
Cytogenetics:	18 B3

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Gene Summary:

Has E3 ubiquitin-protein ligase activity. Acts as an anti-apoptotic regulator of the JNK pathway by ubiquitinating and promoting the degradation of SH3RF1, a scaffold protein that is required for pro-apoptotic JNK activation. Facilitates TNF-alpha-mediated recruitment of adapter proteins TRADD and RIPK1 to TNFRSF1A and regulates PAK4 protein stability via inhibition of its ubiquitin-mediated proteasomal degradation. Inhibits PPP1CA phosphatase activity (By similarity).[UniProtKB/Swiss-Prot Function]