

Product datasheet for **MR210149L4V**

Shkbp1 (NM_138676) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Shkbp1 (NM_138676) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Shkbp1
Synonyms:	B930062H15Rik; Sb1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_138676
ORF Size:	2112 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210149).
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_138676.2 , NP_619617.2
RefSeq Size:	2347 bp
RefSeq ORF:	2115 bp
Locus ID:	192192
UniProt ID:	Q6P7W2
Cytogenetics:	7 A3



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Gene Summary:

Inhibits CBL-SH3KBP1 complex mediated down-regulation of EGFR signaling by sequestration of SH3KBP1. Binds to SH3KBP1 and prevents its interaction with CBL and inhibits translocation of SH3KBP1 to EGFR containing vesicles upon EGF stimulation (PubMed:21830225).[UniProtKB/Swiss-Prot Function]