

Product datasheet for **MR212034L4V**

Slx4 (NM_177472) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slx4 (NM_177472) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slx4
Synonyms:	AI256635; AI426760; Btd12; D16Bwg1016e
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177472
ORF Size:	4695 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR212034).
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_177472.5 , NP_803423.2
RefSeq Size:	5747 bp
RefSeq ORF:	4698 bp
Locus ID:	52864
UniProt ID:	Q6P1D7
Cytogenetics:	16 2.34 cM



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Gene Summary:

This gene encodes a protein containing a BTB (POZ) domain that comprises a subunit of structure-specific endonucleases. The encoded protein aids in the resolution of DNA secondary structures that arise during the processes of DNA repair and recombination. Knock out of this gene in mouse recapitulates the phenotype of the human disease Fanconi anemia, including blood cytopenia and susceptibility to genomic instability. [provided by RefSeq, Dec 2013]