

Product datasheet for **MR209603L4V**

Xrcc1 (NM_009532) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Xrcc1 (NM_009532) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Xrcc1
Synonyms:	Xrcc-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009532
ORF Size:	1896 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209603).
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_009532.2
RefSeq Size:	2155 bp
RefSeq ORF:	1896 bp
Locus ID:	22594
UniProt ID:	Q60596
Cytogenetics:	7 11.42 cM



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Gene Summary:

Involved in DNA single-strand break repair by mediating the assembly of DNA break repair protein complexes (By similarity). Probably during DNA repair, negatively regulates ADP-ribose levels by modulating ADP-ribosyltransferase PARP1 activity (PubMed:28002403). [UniProtKB/Swiss-Prot Function]