

Product datasheet for **MR207416L4V**

Ero1l (Ero1a) (NM_015774) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ero1l (Ero1a) (NM_015774) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ero1a
Synonyms:	Er; ERO1-L; Ero1l
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015774
ORF Size:	1395 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207416).
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_015774.2 , NP_056589.1
RefSeq Size:	4435 bp
RefSeq ORF:	1395 bp
Locus ID:	50527
UniProt ID:	Q8R180
Cytogenetics:	14 C1



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Gene Summary:

This gene encodes a member of the endoplasmic reticulum oxidoreductin family. The encoded protein is localized to the endoplasmic reticulum and promotes the formation of disulfide bonds by oxidizing protein disulfide isomerase. This gene may play a role in endoplasmic reticulum stress-induced apoptosis and the cellular response to hypoxia. [provided by RefSeq, Feb 2011]