

Product datasheet for **MR206386L4V**

Erp44 (NM_029572) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Erp44 (NM_029572) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Erp44
Synonyms:	1110001E24Rik; AI849526; AL033348; Txndc4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_029572
ORF Size:	1221 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206386).
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_029572.2
RefSeq Size:	2647 bp
RefSeq ORF:	1221 bp
Locus ID:	76299
UniProt ID:	Q9D1Q6
Cytogenetics:	4 B1



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Gene Summary:

Mediates thiol-dependent retention in the early secretory pathway, forming mixed disulfides with substrate proteins through its conserved CRFS motif. Inhibits the calcium channel activity of ITPR1. May have a role in the control of oxidative protein folding in the endoplasmic reticulum. Required to retain ERO1A and ERO1B in the endoplasmic reticulum (By similarity). [UniProtKB/Swiss-Prot Function]