

## Product datasheet for **MR215396L3V**

### Epx (NM\_007946) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Epx (NM_007946) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Epx
Synonyms:	E; EPO
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_007946
ORF Size:	2148 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215396).
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. <a href="#">More info</a>
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:	<a href="#">NM_007946.2</a> , <a href="#">NP_031972.2</a>
RefSeq Size:	2691 bp
RefSeq ORF:	2151 bp
Locus ID:	13861
UniProt ID:	<a href="#">P49290</a>
Cytogenetics:	11 52.25 cM



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**Gene Summary:**

This gene encodes a member of the peroxidase superfamily of enzymes that is produced by eosinophils and plays a critical role in eliminating tissue-invasive parasites. The encoded preproprotein undergoes proteolytic processing to generate a heterodimeric enzyme that forms a predominant component of the intracellular granules of eosinophils. Mice lacking the encoded protein exhibit resistance to ulcerative colitis induced by dextran sulfate. [provided by RefSeq, Jul 2016]