

Product datasheet for **KN309375LP**

Lox Mouse Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	Lox
Locus ID:	16948
Components:	<p>KN309375G1, Lox gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN309375G2, Lox gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN309375LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
Disclaimer:	<p>These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.</p>
RefSeq:	NM_001286181 , NM_001286182 , NM_010728
UniProt ID:	P28301
Synonyms:	AI893619; rrg; TSC-160
Summary:	<p>This gene encodes a precursor protein that belongs to the lysyl oxidase family of proteins. The secreted proprotein is proteolytically processed to an active mature peptide and a propeptide. This propeptide is thought to function in tumor suppression by inhibiting the Ras signaling pathway. The active enzyme plays a role in cross-linking of collagen and elastin and is essential for development of cardiovascular and respiratory systems, and development of skin and connective tissue. Alternative splicing results in multiple transcript variants.</p> <p>[provided by RefSeq, Oct 2013]</p>



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Product images:

