

Product datasheet for **KN311127LP**

Notch4 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:	Notch4
Locus ID:	18132
Components:	<p>KN311127G1, Notch4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN311127G2, Notch4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN311127LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	<u>NM_010929</u>
UniProt ID:	<u>P31695</u>
Synonyms:	Int-3; Int3; N4
Summary:	Functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus. Affects the implementation of differentiation, proliferation and apoptotic programs (By similarity). May regulate branching morphogenesis in the developing vascular system.[UniProtKB/Swiss-Prot Function]



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Product images:

