

# Product datasheet for KN204404RB

## SLP76 (LCP2) Human Gene Knockout Kit (CRISPR)

#### **Product data:**

#### OriGene Technologies, Inc.

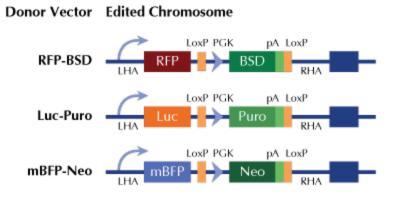
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Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	SLP76
Locus ID:	3937
Components:	<ul> <li>KN204404G1, SLP76 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN204404G2, SLP76 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN204404RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.</li> <li>GE100003, scramble sequence in pCas-Guide vector</li> </ul>
RefSeq:	<u>NM 005565</u>
UniProt ID:	<u>Q13094</u>
Synonyms:	SLP-76; SLP76
Summary:	This gene encodes an adapter protein that acts as a substrate of the T cell antigen receptor (TCR)-activated protein tyrosine kinase pathway. The encoded protein associates with growth factor receptor bound protein 2, and is thought to play a role TCR-mediated intracellular signal transduction. A similar protein in mouse plays a role in normal T-cell development and activation. Mice lacking this gene show subcutaneous and intraperitoneal fetal hemorrhaging, dysfunctional platelets and impaired viability. [provided by RefSeq, Nov 2016]



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### **Product images:**



RFP, Luc, and mBFP will be under native gene promoter

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