

# Product datasheet for KN211639LP

## LY75 Human Gene Knockout Kit (CRISPR)

### **Product data:**

#### OriGene Technologies, Inc.

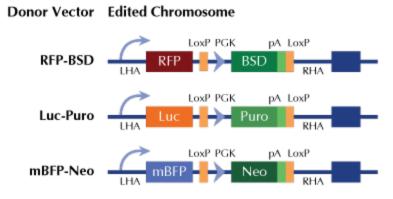
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	LY75
Locus ID:	4065
Components:	<ul> <li>KN211639G1, LY75 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN211639G2, LY75 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN211639LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</li> <li>GE100003, scramble sequence in pCas-Guide vector</li> </ul>
Disclaimer:	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.
RefSeq:	<u>NM 002349</u>
UniProt ID:	<u>O60449</u>
Synonyms:	CD205; CLEC13B; DEC-205; GP200-MR6; LY-75
Summary:	Acts as an endocytic receptor to direct captured antigens from the extracellular space to a specialized antigen-processing compartment (By similarity). Causes reduced proliferation of B-lymphocytes.[UniProtKB/Swiss-Prot Function]



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#### **Product images:**



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

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