Product datasheet for KN203818LP

Integrin beta 1 (ITGB1) Human 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:	Integrin beta 1
Locus ID:	3688
Components:	**KN203818G1**, Integrin beta 1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN203818G2**, Integrin beta 1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN203818LPD**, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. **GE100003**, scramble sequence in pCas-Guide vector
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:	NM_002211, NM_033666, NM_033667, NM_033668, NM_033669, NM_133376
UniProt ID:	P05556
Synonyms:	CD29; FNRB; GPIIA; MDF2; MSK12; VLA-BETA; VLAB
Summary:	Integrins are heterodimeric proteins made up of alpha and beta subunits. At least 18 alpha and 8 beta subunits have been described in mammals. Integrin family members are membrane receptors involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metastatic diffusion of tumor cells. This gene encodes a beta subunit. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

View online »

Product images:

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