

## Product datasheet for **KN213359LP**

### CD109 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:	CD109
Locus ID:	135228
Components:	<b>KN213359G1</b> , CD109 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN213359G2</b> , CD109 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN213359LPD</b> , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. <b>GE100003</b> , 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:	<a href="#">NM_001159587</a> , <a href="#">NM_001159588</a> , <a href="#">NM_133493</a>
UniProt ID:	<a href="#">Q6YHK3</a>
Synonyms:	CPAMD7; p180; r150
Summary:	This gene encodes a glycosyl phosphatidylinositol (GPI)-linked glycoprotein that localizes to the surface of platelets, activated T-cells, and endothelial cells. The protein binds to and negatively regulates signalling by transforming growth factor beta (TGF-beta). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2014]



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## Product images:

