

Product datasheet for KN213359BN

CD109 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

Donor DNA: mBFP-Neo

Symbol: CD109

Locus ID: 135228

KN213359G1, CD109 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN213359G2, CD109 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN213359BND, donor DNA containing left and right homologous arms and mBFP-Neo

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 001159587, NM 001159588, NM 133493

UniProt ID: Q6YHK3

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]



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

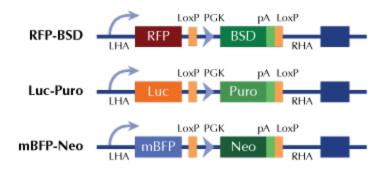
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Product images:

Donor Vector Edited Chromosome



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