

Product datasheet for **KN212925LP**

OGR1 (GPR68) 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:	OGR1
Locus ID:	8111
Components:	KN212925G1 , OGR1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN212925G2 , OGR1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN212925LPD , 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_001177676 , NM_003485 , NM_001348437
UniProt ID:	Q15743
Synonyms:	GPR12A; OGR1
Summary:	The protein encoded by this gene is a G protein-coupled receptor for sphingosylphosphorylcholine. The encoded protein is a proton-sensing receptor, inactive at pH 7.8 but active at pH 6.8. Mutations in this gene are a cause of amelogenesis imperfecta. [provided by RefSeq, Feb 2017]



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Product images:

