

Product datasheet for **KN205911RB**

Glypican 3 (GPC3) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	Glypican 3
Locus ID:	2719
Components:	KN205911G1 , Glypican 3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN205911G2 , Glypican 3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN205911RBD , donor DNA containing left and right homologous arms and RFP-BSD 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_001164617](#), [NM_001164618](#), [NM_001164619](#), [NM_004484](#)

UniProt ID: [P51654](#)

Synonyms: DGSX; GTR2-2; MXR7; OCI-5; SDYS; SGB; SGBS; SGBS1

Summary: Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the control of cell division and growth regulation. The protein encoded by this gene can bind to and inhibit the dipeptidyl peptidase activity of CD26, and it can induce apoptosis in certain cell types. Deletion mutations in this gene are associated with Simpson-Golabi-Behmel syndrome, also known as Simpson dysmorphia syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009]



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Product images:

