

## Product datasheet for **KN218462LP**

### NG2 (CSPG4) 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:	NG2
Locus ID:	1464
Components:	<b>KN218462G1</b> , NG2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN218462G2</b> , NG2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN218462LPD</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_001897</a>
UniProt ID:	<a href="#">Q6UVK1</a>
Synonyms:	HMW-MAA; MCSP; MCSPG; MEL-CSPG; MSK16; NG2
Summary:	A human melanoma-associated chondroitin sulfate proteoglycan plays a role in stabilizing cell-substratum interactions during early events of melanoma cell spreading on endothelial basement membranes. CSPG4 represents an integral membrane chondroitin sulfate proteoglycan expressed by human malignant melanoma cells. [provided by RefSeq, Jul 2008]



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## Product images:

