

## Product datasheet for **KN204418LP**

### **NUP62 Human Gene Knockout Kit (CRISPR)**

#### **Product data:**

<b>Product Type:</b>	Knockout Kits (CRISPR)
<b>Format:</b>	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
<b>Donor DNA:</b>	Luciferase-Puro
<b>Symbol:</b>	NUP62
<b>Locus ID:</b>	23636
<b>Components:</b>	<b>KN204418G1</b> , NUP62 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN204418G2</b> , NUP62 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN204418LPD</b> , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
<b>Disclaimer:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001193357</a> , <a href="#">NM_012346</a> , <a href="#">NM_016553</a> , <a href="#">NM_153718</a> , <a href="#">NM_153719</a>
<b>UniProt ID:</b>	<a href="#">P37198</a>
<b>Synonyms:</b>	IBSN; p62; SNDI
<b>Summary:</b>	The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. The protein encoded by this gene is a member of the FG-repeat containing nucleoporins and is localized to the nuclear pore central plug. This protein associates with the importin alpha/beta complex which is involved in the import of proteins containing nuclear localization signals. Multiple transcript variants of this gene encode a single protein isoform. [provided by RefSeq, Jul 2008]



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## Product images:

