

## Product datasheet for **KN200065LP**

### EIF2AK1 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:	EIF2AK1
Locus ID:	27102
Components:	<b>KN200065G1</b> , EIF2AK1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN200065G2</b> , EIF2AK1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN200065LPD</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_001134335</a> , <a href="#">NM_014413</a>
UniProt ID:	<a href="#">Q9BQI3</a>
Synonyms:	HCR; HRI
Summary:	The protein encoded by this gene acts at the level of translation initiation to downregulate protein synthesis in response to stress. The encoded protein is a kinase that can be inactivated by hemin. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]



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## Product images:

