

## Product datasheet for **KN201855RB**

### **PKM2 (PKM) 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:	PKM2
Locus ID:	5315
Components:	<p><b>KN201855G1</b>, PKM2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN201855G2</b>, PKM2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN201855RBD</b>, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.</p> <p><b>GE100003</b>, scramble sequence in pCas-Guide vector</p>
RefSeq:	<a href="#">NM_001206796</a> , <a href="#">NM_001206797</a> , <a href="#">NM_001206798</a> , <a href="#">NM_001206799</a> , <a href="#">NM_001316318</a> , <a href="#">NM_002654</a> , <a href="#">NM_182470</a> , <a href="#">NM_182471</a>
UniProt ID:	<a href="#">P14618</a>
Synonyms:	CTHBP; HEL-S-30; OIP3; PK3; PKM2; TCB; THBP1
Summary:	<p>This gene encodes a protein involved in glycolysis. The encoded protein is a pyruvate kinase that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate to ADP, generating ATP and pyruvate. This protein has been shown to interact with thyroid hormone and may mediate cellular metabolic effects induced by thyroid hormones. This protein has been found to bind Opa protein, a bacterial outer membrane protein involved in gonococcal adherence to and invasion of human cells, suggesting a role of this protein in bacterial pathogenesis. Several alternatively spliced transcript variants encoding a few distinct isoforms have been reported. [provided by RefSeq, May 2011]</p>



[View online »](#)

## Product images:

