

## Product datasheet for **KN200660RB**

### HNRNPD 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:	HNRNPD
Locus ID:	3184
Components:	<p><b>KN200660G1</b>, HNRNPD gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN200660G2</b>, HNRNPD gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN200660RBD</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_001003810</a> , <a href="#">NM_002138</a> , <a href="#">NM_031369</a> , <a href="#">NM_031370</a>
UniProt ID:	<a href="#">Q14103</a>
Synonyms:	AUF1; AUF1A; hnRNPD0; HNRPD; P37
Summary:	<p>This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are nucleic acid binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has two repeats of quasi-RRM domains that bind to RNAs. It localizes to both the nucleus and the cytoplasm. This protein is implicated in the regulation of mRNA stability. Alternative splicing of this gene results in four transcript variants. [provided by RefSeq, Jul 2008]</p>



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## Product images:

