

Product datasheet for **KN307926RB**

Hprt Mouse 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:	Hprt
Locus ID:	15452
Components:	KN307926G1 , Hprt gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN307926G2 , Hprt gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN307926RBD , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. GE100003 , 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: [NM_013556](#)

UniProt ID: [P00493](#)

Synonyms: C81579; HPGRT; Hprt1

Summary: The protein encoded by this gene is a transferase, which catalyzes conversion of hypoxanthine to inosine monophosphate and guanine to guanosine monophosphate via transfer of the 5-phosphoribosyl group from 5-phosphoribosyl 1-pyrophosphate. This enzyme plays a central role in the generation of purine nucleotides through the purine salvage pathway. [provided by RefSeq, Sep 2015]



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Product images:

