

## Product datasheet for **KN216534RB**

### HPSE2 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:	HPSE2
Locus ID:	60495
Components:	<b>KN216534G1</b> , HPSE2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN216534G2</b> , HPSE2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN216534RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD 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_001166244</a> , <a href="#">NM_001166245</a> , <a href="#">NM_001166246</a> , <a href="#">NM_021828</a>
UniProt ID:	<a href="#">Q8WWQ2</a>
Synonyms:	HPA2; HPR2; UFS; UFS1
Summary:	This gene encodes a heparanase enzyme. The encoded protein is an endoglycosidase that degrades heparin sulfate proteoglycans located on the extracellular matrix and cell surface. This protein may be involved in biological processes involving remodeling of the extracellular matrix including angiogenesis and tumor progression. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]



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Product images:

