

Product datasheet for **KN210595RB**

STEAP3 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:	STEAP3
Locus ID:	55240
Components:	KN210595G1 , STEAP3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN210595G2 , STEAP3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN210595RBD , 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_001008410 , NM_018234 , NM_138637 , NM_182915
UniProt ID:	Q658P3
Synonyms:	AHMIO2; dudlin-2; dudulin-2; pHyde; STMP3; TSAP6
Summary:	This gene encodes a multipass membrane protein that functions as an iron transporter. The encoded protein can reduce both iron (Fe ³⁺) and copper (Cu ²⁺) cations. This protein may mediate downstream responses to p53, including promoting apoptosis. Deficiency in this gene can cause anemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2015]



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Product images:

