

Product datasheet for **KN210595BN**

STEAP3 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	STEAP3
Locus ID:	55240
Components:	<p>KN210595G1, STEAP3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN210595G2, STEAP3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN210595BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
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:

