

Product datasheet for **KN208276RB**

CD3E 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:	CD3E
Locus ID:	916
Components:	<p>KN208276G1, CD3E gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN208276G2, CD3E gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN208276RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_000733
UniProt ID:	P07766
Synonyms:	IMD18; T3E; TCRE
Summary:	<p>The protein encoded by this gene is the CD3-epsilon polypeptide, which together with CD3-gamma, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. The epsilon polypeptide plays an essential role in T-cell development. Defects in this gene cause immunodeficiency. This gene has also been linked to a susceptibility to type I diabetes in women. [provided by RefSeq, Jul 2008]</p>



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Product images:

