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Product datasheet for KN208418BN

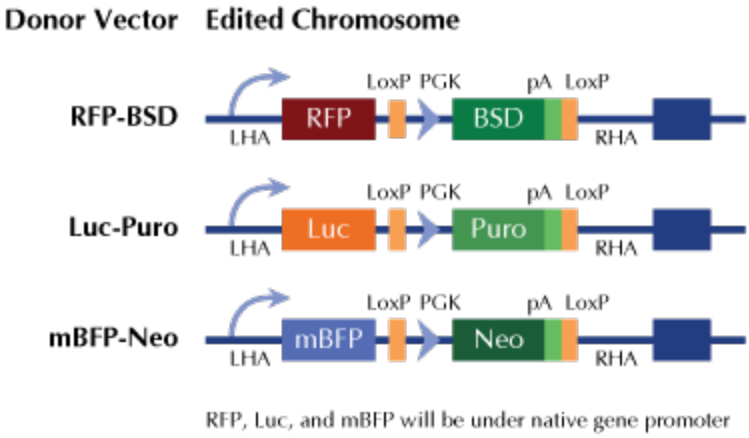
STING (TMEM173) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	STING
Locus ID:	340061
Components:	**KN208418G1**, STING gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN208418G2**, STING gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN208418BND**, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. **GE100003**, scramble sequence in pCas-Guide vector
RefSeq:	NM_001301738, NM_198282, NM_001367258
UniProt ID:	Q86WV6
Synonyms:	ERIS; hMITA; hSTING; MITA; MPYS; NET23; SAVI; STING
Summary:	This gene encodes a five transmembrane protein that functions as a major regulator of the innate immune response to viral and bacterial infections. The encoded protein is a pattern recognition receptor that detects cytosolic nucleic acids and transmits signals that activate type I interferon responses. The encoded protein has also been shown to play a role in apoptotic signaling by associating with type II major histocompatibility complex. Mutations in this gene are the cause of infantile-onset STING-associated vasculopathy. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]

View online »

Product images:



RFP, Luc, and mBFP will be under native gene promoter