

Product datasheet for **KN204457BN**

KCNN4 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:	KCNN4
Locus ID:	3783
Components:	KN204457G1 , KCNN4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN204457G2 , KCNN4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN204457BND , donor DNA containing left and right homologous arms and mBFP-Neo 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_002250
UniProt ID:	O15554
Synonyms:	hIKCa1; hKCa4; hSK4; IK; IK1; IKCA1; KCa3.1; KCA4; SK4
Summary:	The protein encoded by this gene is part of a potentially heterotetrameric voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization, which promotes calcium influx. The encoded protein may be part of the predominant calcium-activated potassium channel in T-lymphocytes. This gene is similar to other KCNN family potassium channel genes, but it differs enough to possibly be considered as part of a new subfamily. [provided by RefSeq, Jul 2008]



[View online »](#)

Product images:

