

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: | <p>KN204457G1, KCNN4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN204457G2, KCNN4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN204457BND, 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_002250 |
| UniProt ID: | O15554 |
| Synonyms: | hIKCa1; hKCa4; hSK4; IK; IK1; IKCA1; KCa3.1; KCA4; SK4 |
| Summary: | <p>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]</p> |



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Product images:

