

Product datasheet for RN208312

Kcnk13 (NM_022293) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcnk13 (NM_022293) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kcnk13
Synonyms:	prdx1; THIK-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208312 representing NM_022293 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGGCCGCGGTTGCAGCTGCAGCCCCGGCCACCTGAACGAGGACAACGCGCCTTCTGCTGCTCG
CGGGGCTCATCTGCTTTACCTGCTGGCGGCCCGCAGTCTTCTCCGCGCTGGAGCTAGCGCAGGAGCT
GCAGGCCAAGCAGCGCTGGGAAGAGCGCTGGCCAACTCAGCAGGGGCCACAACCTGAGCCGGAAGAG
CTGCGAGGCTTCTCCGCACTACGAGGAAGCCACCAAGGCGGGCATCCGCATGGACAGCGTGCGCCCTC
GCTGGGACTTACGGGCGCCTTCTACTTCTGTTGGCACAGTGGTAACTACCATAGGTTTCGGGATGACGAC
CCCAGCCACAACGGGAGGAAGTTTTTCTGATCTTTATGGTCTCATTGGATGTGCGAGTACCATCCTC
TTCTTCAACCTCTTTCTGGAGCGGCTGATCACCGTCATCGCTACGTCATGAGAACCTGCCACCACCAGC
AGCTGCGCAGACGTGGGACGGTAGCCCGGGACAACAGGAAGGCCCTAGAAAGGGCGAGGACAGACGCT
GGCTGGCTGGAAGCCCTCCGTGTACTACGTATGCTGATCCTGTGCTTGGCATCAGTAGCCATCTCCTGT
GGAGCCTCGGCTCTGTACACCACCATGGAAGGCTGGAGCTACTTTGACTCCGTCTACTTCTGTTTTGTGG
CTTCAAGCACCATTGGCTTCGGGACCTGGTGAGCAGCCAGAACGCTCAGTATGAGAACGAAGGGCTCTA
CCGCTTTGTCAATTTCTTCTTCTCATCCTCATGGGTGTCTGCTGCATCTACTCCATGTTAACGTCATCTCC
ATCCTGATCAAACAGACAGTGAAGTGGATCCTGAGGAACTGGATAGCGGGTGTCTCCACAATGCCAAA
GAGGACTCCTGCGGTCCAGGAGAACGTGGTGTGATGCCGGCAACATCCGGAACAGGTGCAACATCTCCAT
AGAGACGACGGGTGATGGAAGTGACTGATGGGCGACGCTCTCGGGGAGATGATCTCCATGAAG
GACACCAACAAGGTCTCCTGGCCATCCTGCAGAAGCAGTTGTCCGAGATGGCCAATGGTGGACCCACC
AGACCAGCACATCCTCCCGGATGATGAGTTCTCAGGGGCGTGGGAGCCTTTCAGTAATGAATAACAG
GTTGGCAGAGACCAGTGGGACAGG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_022293
Insert Size:	1218 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_022293.1</u> , <u>NP_071629.1</u>
RefSeq Size:	2032 bp
RefSeq ORF:	1218 bp
Locus ID:	64120
UniProt ID:	<u>Q9ERS0</u>
Cytogenetics:	6q32
Gene Summary:	tandem pore domain halothane inhibited K(+) channel [RGD, Feb 2006]