

Product datasheet for **SC331059**

KCNJ15 (NM_001276439) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: KCNJ15 (NM_001276439) Human Untagged Clone
Tag: Tag Free
Symbol: KCNJ15
Synonyms: IRKK; KIR1.3; KIR4.2
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331059 representing NM_001276439.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

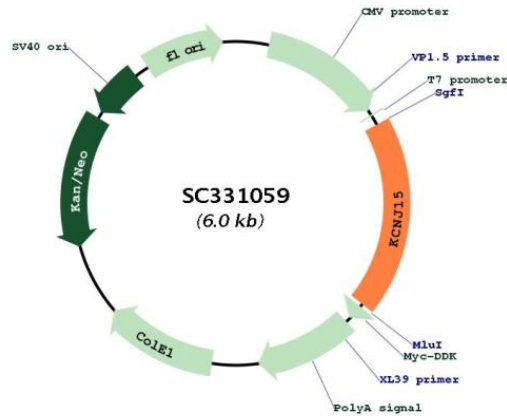
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001276439

Insert Size: 1128 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:

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: [NM_001276439.1](#)

RefSeq Size: 2961 bp

RefSeq ORF:	1128 bp
Locus ID:	3772
UniProt ID:	Q99712
Cytogenetics:	21q22.13-q22.2
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane
MW:	42.6 kDa
Gene Summary:	<p>Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein has a greater tendency to allow potassium to flow into a cell rather than out of a cell. Eight transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Feb 2013]</p> <p>Transcript Variant: This variant (8) uses an alternate splice junction and contains an additional exon in the 5' UTR compared to variant 1. All eight variants encode the same protein.</p>