

Product datasheet for RN215694

Lrrc55 (NM_001122975) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lrrc55 (NM_001122975) Rat Untagged Clone
Tag: Tag Free
Symbol: Lrrc55
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN215694 representing NM_001122975
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCTCCCTACAGTACTGCTGCTGCCAGCTGCCAAAGATGGGTGACACCTGGGCCAGCTTCCCTGGC
CTGGGCCGCCCACTCGGCCTTGTGCTGGTCTTCTTCTTGGCAGCTGGGGTGATGCACTCTGATGC
GGGTGCCAGTTGTCCAGTCCCTTGTACATGTCGTAACCAAGTAGTGGACTGCAGCAACCAGCGGCTGTT
TCTGTACCCCGGACCTGCCAATGGACACCCGAAACCTCAGCCTAGCCACAATCGCATTGCAGCCGTGC
CTCCAGGCTATCTACATGCTACATGGAACCTCCGCTGCTGGATTGCGAAACAACCTCTGATGGAAT
GCCCCCTGGCCTCTTCTCCACGCCAAGCGCTTAGCACATCTGGATCTGAGCTATAACAACCTCAGCCAC
GTGCCAGCTGACATGTTCCGGGAGGCTCATGGCCTGGTACACATCGACCTGAGCCACAACCCTGGCTGC
GGAGGGTGACCCCCAGGCCTTCCAGGGCCTTGTGCATCTCAGAGACCTGGATCTCAGCTATGGTGGCCT
GGCTTTTTGAGCCTTGAAGCCCTTGGGGTCTCCCGGGCTGGTGACCCTACAGATCGGAGGTAACCCA
TGGGTATGCGGCTGCACCATGGAGCCCTTGCTAAAGTGGTTGCGGAATCGGATACAGCGCTGTACAGCGG
ATTCTCAGCTGGCTGAGTGTGGGGGCCCTGAAGTTGAGGGTGCCCCCTCTTTCACTACTGAAGA
GAGCTTCAAGGCCTGCCACCTGACTCTGACCCTGGATGATTACCTCTTCATCGCATTGTGGGCTTTGTG
GTCTCCATCGCTTCTGTAGCCACCAACTTCTCCTGGGCATCACGGCAACTGCTGTACCGTTGGAGCA
AGGCCAATGAAGAAGAAGAGATTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001122975
Insert Size: 936 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_001122975.1</u> , <u>NP_001116447.1</u>
RefSeq Size:	1847 bp
RefSeq ORF:	936 bp
Locus ID:	311171
UniProt ID:	<u>Q4KLL3</u>
Cytogenetics:	3q24
Gene Summary:	Auxiliary protein of the large-conductance, voltage and calcium-activated potassium channel (BK alpha). Modulates gating properties by producing a marked shift in the BK channel's voltage dependence of activation in the hyperpolarizing direction, and in the absence of calcium (By similarity).[UniProtKB/Swiss-Prot Function]