

Product datasheet for RN215179

Lrrc26 (NM_001014053) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc26 (NM_001014053) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrrc26
Synonyms:	RGD1308398
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN215179 representing NM_001014053 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGGGTTCTTTTTCTCGGGCTTCCGCCGAACCTCTCTGCTGCTGCTGCTGCTGCTGCTGTTGT
CGTGGAGACGAGTCTGGACCCAGGAGCACATTGGAACCTGACCCCTTCCAAATCCCCGGTGGCCCCGTATG
CCCCGAGGCATGTTTCATGTTACCAGGAGGCAAGGCCAATTGCTCCGCGTGGCGCTGCCGCGGTACCG
GCGGGCCTGAGCTGGCAAGTACGCTCACTGCTGCTGGATCGCAATCGAGTGAGCACACTACCTCCAGGTG
CCTTCGCCGATGCAGGCGCACTGCTATACCTAGTCTGCGGGAGAACCGGCTTCGGTCCGTGCACGCGCG
AGCTTTCTGGGGTCTGGGAGTGTGCAACGGCTGGACCTGAGCTCCAACCACTGGAAACTCTGTCTCT
GGCACCTTCACGCCTCTGCGAGCGCTGAGTTTCTCTCCCTAGCGGGTAACCGGCTGGCACTCCTGGAGC
CCTCGATCCTGGGCCCGCTCCCTTTACTGCGGGTGTCTCAGCCTGCAGGACAATCACTATCGGCACTCGA
GGCGGGTTTGCTGAATAGCTTGCCTGCCCTCGACGTGTTGCGCTTGCAATGGCAACCCCTGGGCGTGCAGC
TGCGCGCTGCGCCCGCTTTCACCTGGCTGCGTAAGCACCCGCGTCCCACTTCAGAACTGAGACCTGC
TCTGTGTCTCCAAAATTCAAACGCTCAACCTACTGACAGACTTCCGGACAACGCTTCAAACAGTG
CACGCAGTCACTCGCTGCGCGAGACCTGGCGGTGGTCTATGCTCTCGGGCCGCTCTTCTTCCAGT
TTAGCCATCTGCCTGGCATTGGGCTCGGTACTCACTGCTTGTGGTGCAGGCGCCGCCGCCGACCA
CAGTGCGCCACTTAATAAGGAGACAGCCAGACCCCGAGGCCCCAGCCTCCCTGGAGGATGTTGGGAGCCC
TACAACAACAGCTATCCAAGCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001014053
Insert Size:	1005 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_001014053.1</u> , <u>NP_001014075.1</u>
RefSeq Size:	1280 bp
RefSeq ORF:	1005 bp
Locus ID:	311803
UniProt ID:	<u>Q6P7C4</u>
Cytogenetics:	3p13
Gene Summary:	Auxiliary protein of the large-conductance, voltage and calcium-activated potassium channel (BK alpha). Required for the conversion of BK alpha channels from a high-voltage to a low-voltage activated channel type in non-excitabile cells. These are characterized by negative membrane voltages and constant low levels of calcium (By similarity).[UniProtKB/Swiss-Prot Function]